# Monthly and Seasonal Mean Analyses

## March, April, May
## 1984

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# Monthly and Seasonal Mean Analyses

## March, April, May
## 1984

## Mean fields obtained from the archive of operational analyses

Met O 20 (Dynamical Climatology Branch)
Meteorological Office
London Road
Bracknell
Berkshire RG12 2SZ

March 1987

Note: Permission to quote from this document should be obtained from the Assistant Director of the above Meteorological Branch.

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## Introduction

The archive of operational analyses contains a continuous record of global analyses every 12 hours (00 and 12 GMT) from May 1983 onwards. They are copies of the update analyses produced in the operational numerical weather prediction system using the 15-level model (Dickinson and Temperton 1984). This publication presents a selection of charts from the archive.

The publication covers a 3-month period and is divided into four sections. Sections 1, 2 and 3 contain charts of the monthly mean fields and section 4 contains charts of the seasonal mean fields for the 3-month period. Each section includes a mean-sea-level pressure chart and composite charts showing fields of height, wind vectors and isotachs for the 850, 500, 250 and 100 mb pressure levels. These charts, on polar stereographic projections, cover the extra-tropical regions of both hemispheres. For the tropical regions, wind vectors and isotachs are presented for the 850 and 250 mb pressure levels. These fields are shown in a series of charts, on a latitude—longitude projection encircling the globe in three sections, covering the longitudes 0°—120° E, 120° E—120° W and 120° W—0°. On all charts contours are depicted as solid lines, wind vectors as arrows and isotachs as dashed lines.

From the start of the archive the global fields have been stored as spectral coefficients using a triangular truncation of T40 (Swinbank 1984), which is approximately equivalent to a latitude—longitude grid with a resolution of 4.5° by 4.5°. Since the model analyses are written up on a 1.5° by 1.875° grid the conversion to spectral coefficients results in some smoothing of the data. The fields are stored in Met O 20 Post-Processing format which consists of a header record containing field and grid information followed by a data record containing the field values. Details of this format may be found in the PP-package manual in Met O 20. Fields available on the archive are as follows:

| Field | | Pressure level (mb) |
|---|---|---|
| Westerly wind component | (m/s) | 1000, 850, 700, 500, 400, 300, 250, 200, 150, 100, 70, 50 |
| Southerly wind component | (m/s) | |
| Height | (dam) | |
| Temperature | (K) | |
| Relative humidity | (%) | 1000, 850, 700, 500, 400, 300 |
| Mean-sea-level pressure | (mb) | |

The appropriate tape numbers, file numbers and dataset names can be found by reading the library members on 'M20.NARCHIND' and for recently archived data by reading the dataset 'M20.NARCHLST'. Subroutines from the PP-package are used for accessing the data. Examples are shown in Swinbank (1984).

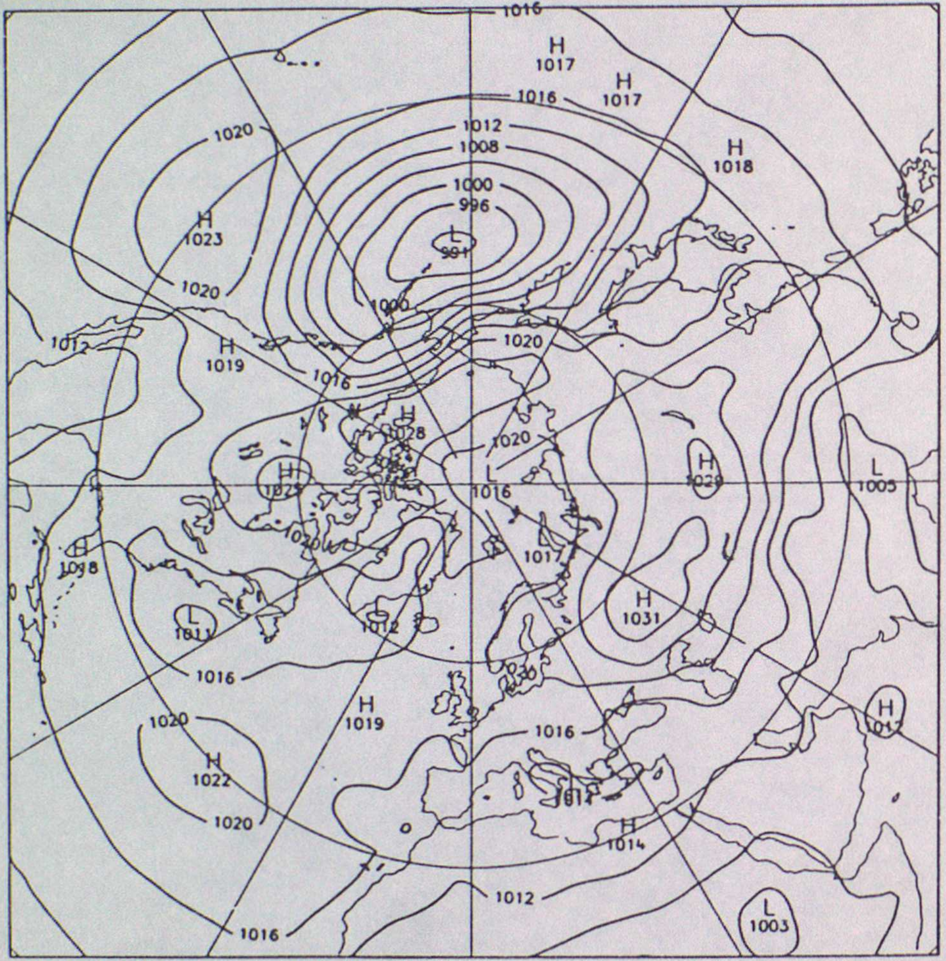
## References

Dickinson, A. and Temperton C. 1984 The Operational Numerical Weather Prediction Model. Met O 11 Technical Note No. 183. Meteorological Office, Bracknell.

Swinbank, R. 1984 A system to archive operational analyses for research purposes. Met O 20 Technical Note No. II/218. Meteorological Office, Bracknell.

# MARCH
# 1984

OPERATIONAL ARCHIVE MEANS.     MARCH  1984
PMSL
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/3/1984 DAY 91
LEVEL: SEA LEVEL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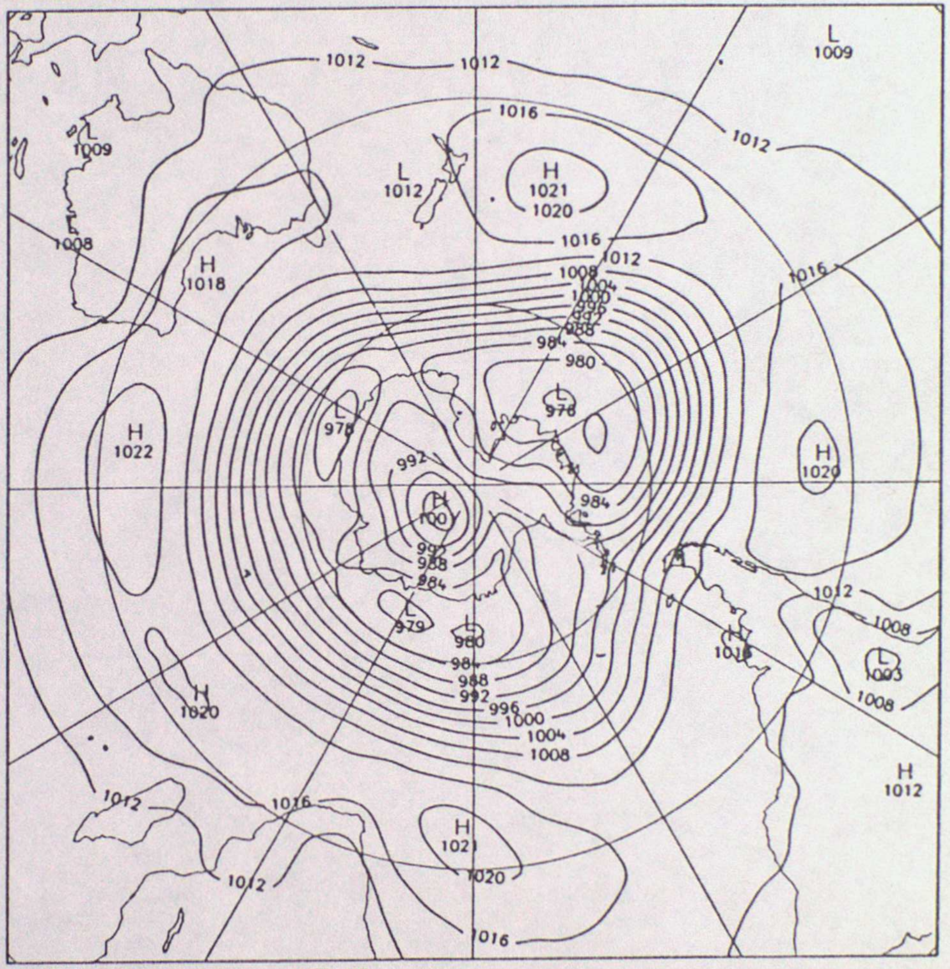
CONTOUR INTERVAL: 4 MB     UNITS: MB

OPERATIONAL ARCHIVE MEANS.     MARCH  1984
PMSL
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/3/1984 DAY 91
LEVEL: SEA LEVEL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CONTOUR INTERVAL: 4 MB     UNITS: MB

OPERATIONAL ARCHIVE MEANS. MARCH 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/3/1984 DAY 91
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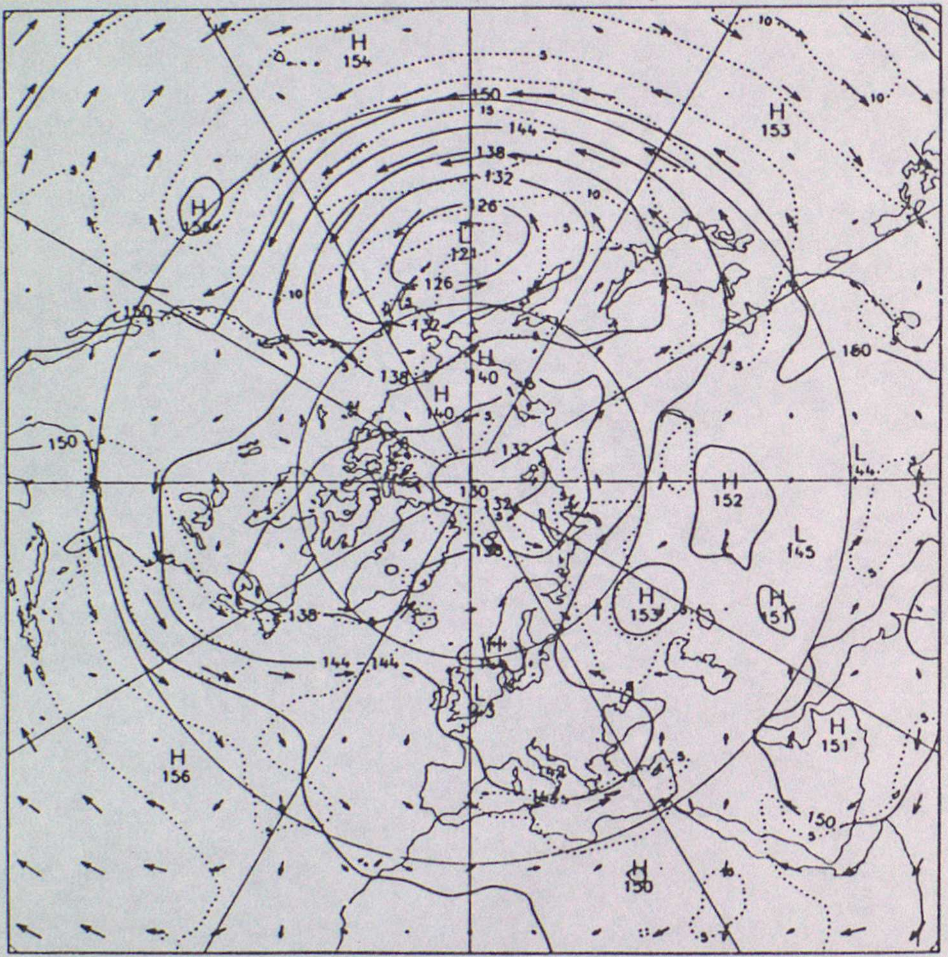
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→ REPRESENTS 10 M/S CONTOUR INTERVAL: 60 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MARCH 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
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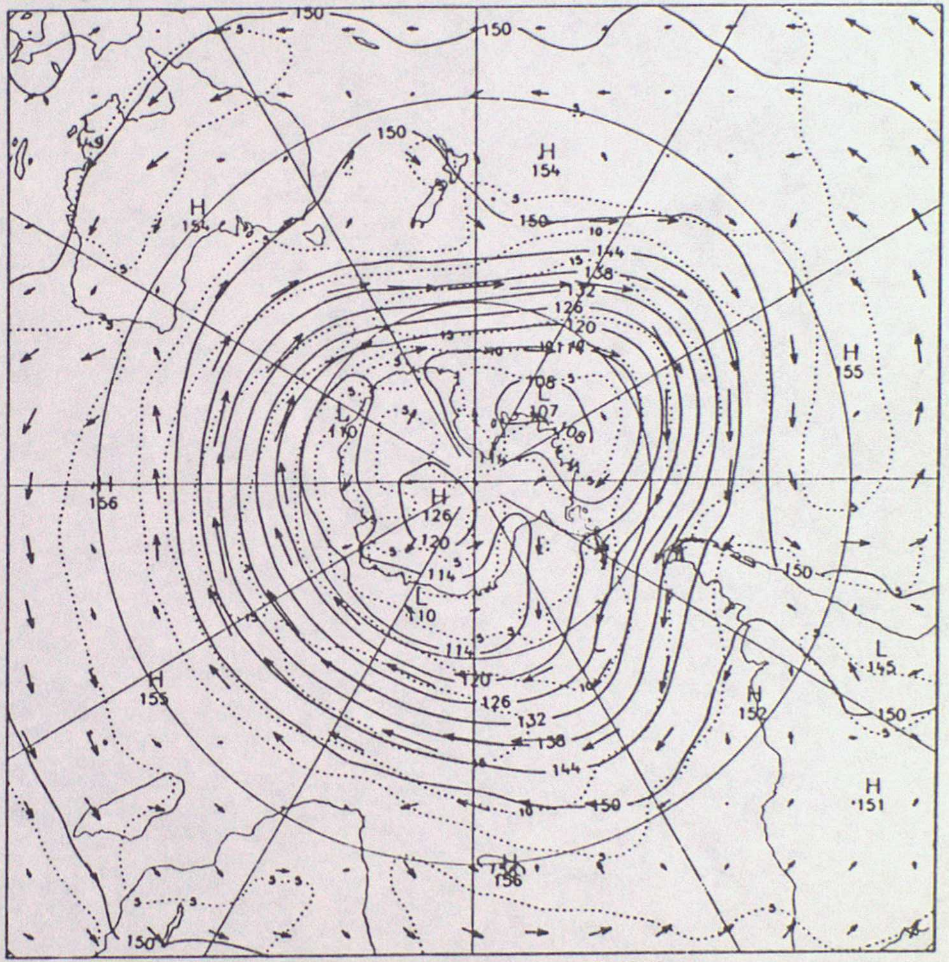
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→ REPRESENTS 10 M/S CONTOUR INTERVAL: 60 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS.      MARCH   1984
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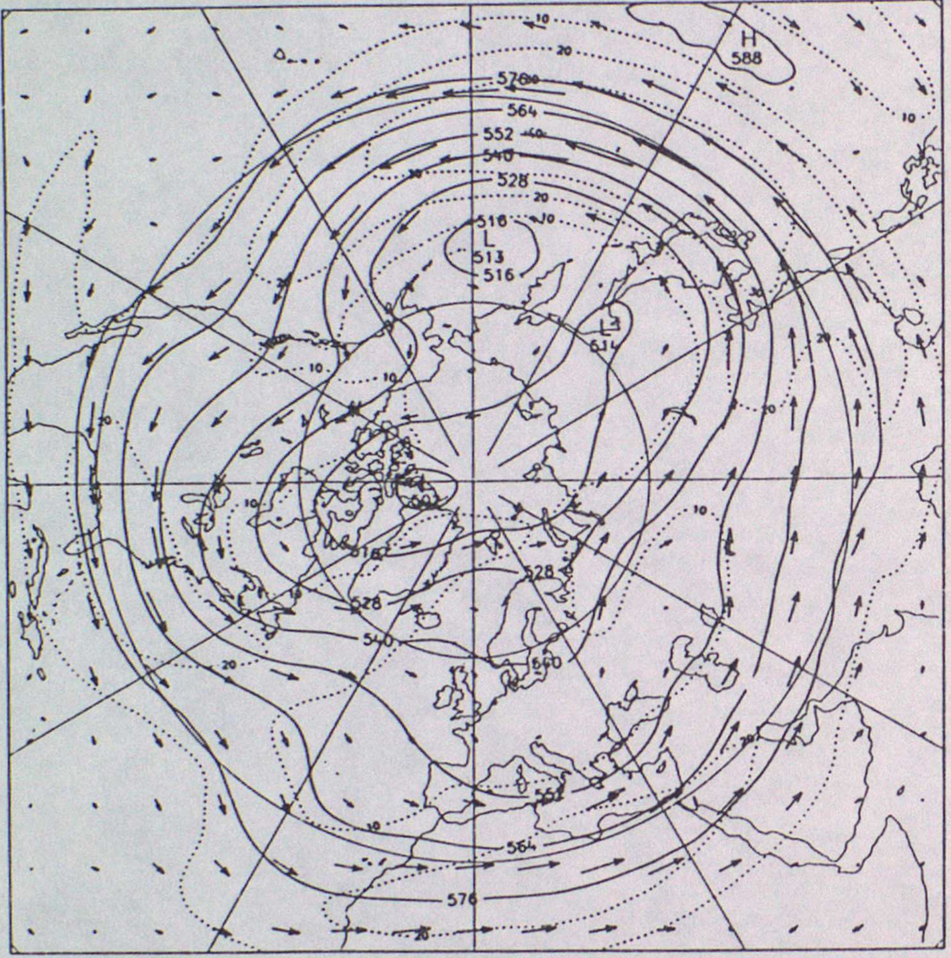
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OPERATIONAL ARCHIVE MEANS.      MARCH   1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/3/1984 DAY 91
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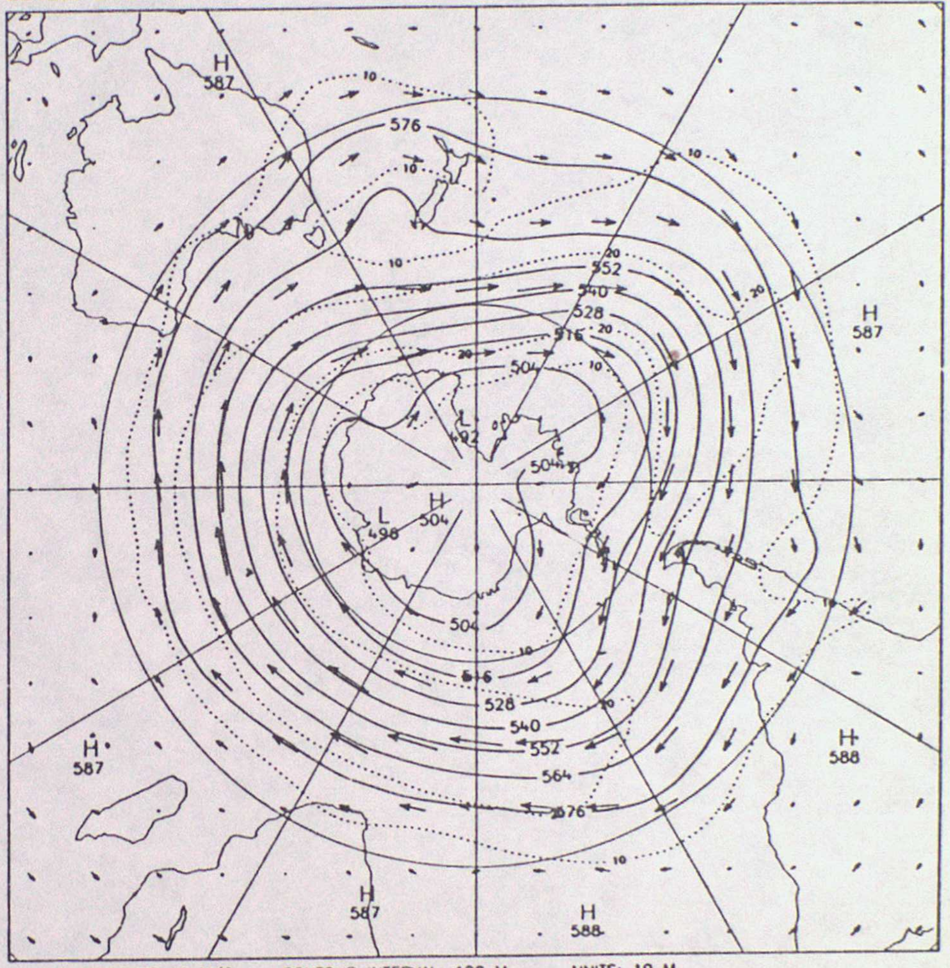
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→ REPRESENTS 20 M/S      CONTOUR INTERVAL: 120 M      UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MARCH 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/3/1984 DAY 91
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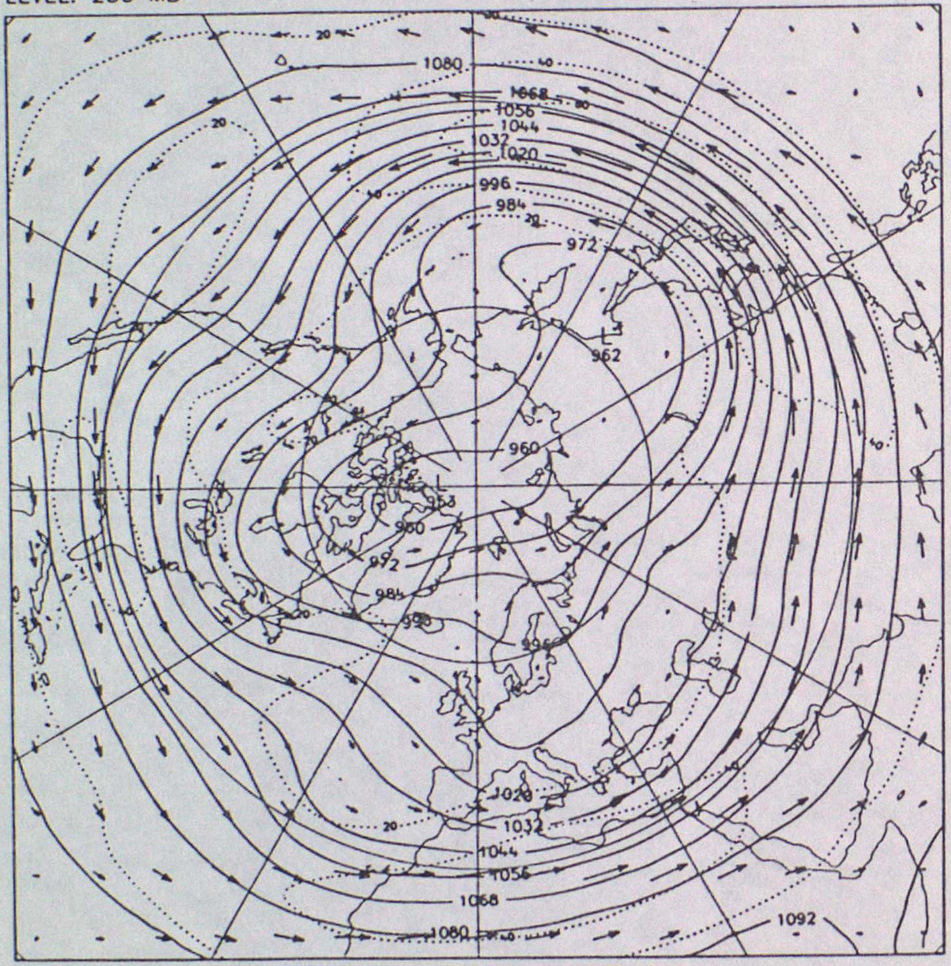
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20
40

→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MARCH 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
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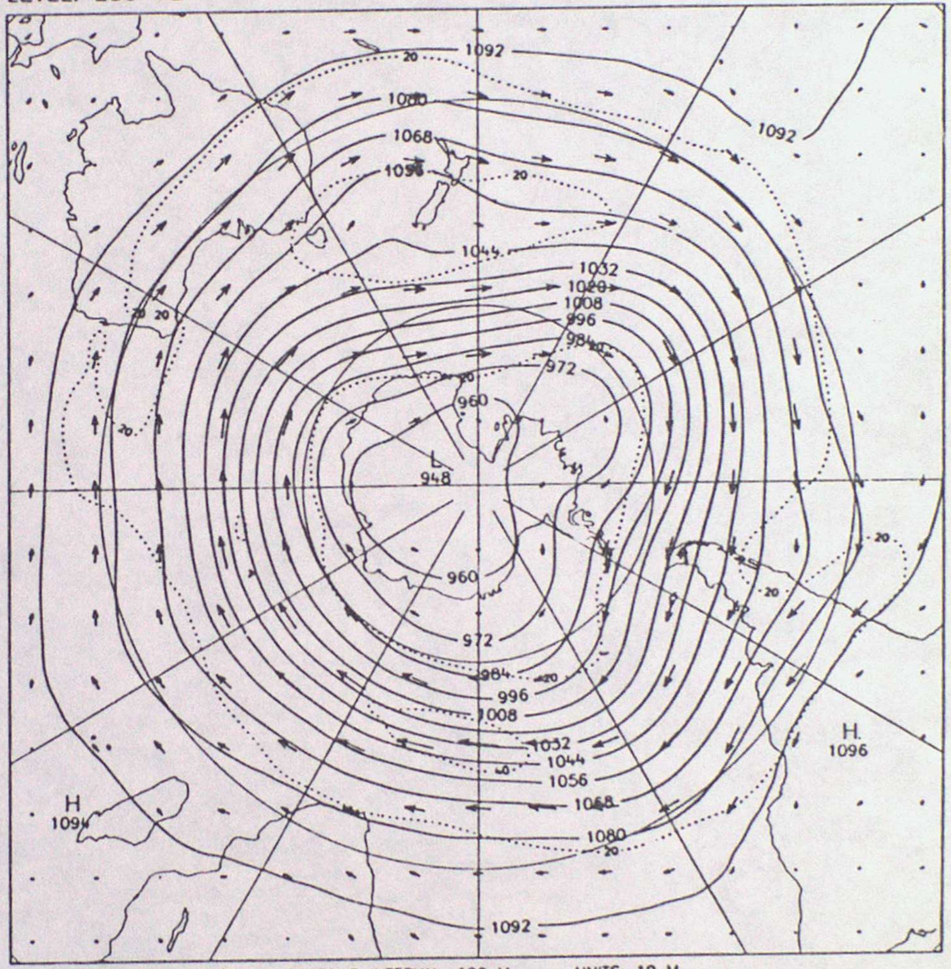
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→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MARCH 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
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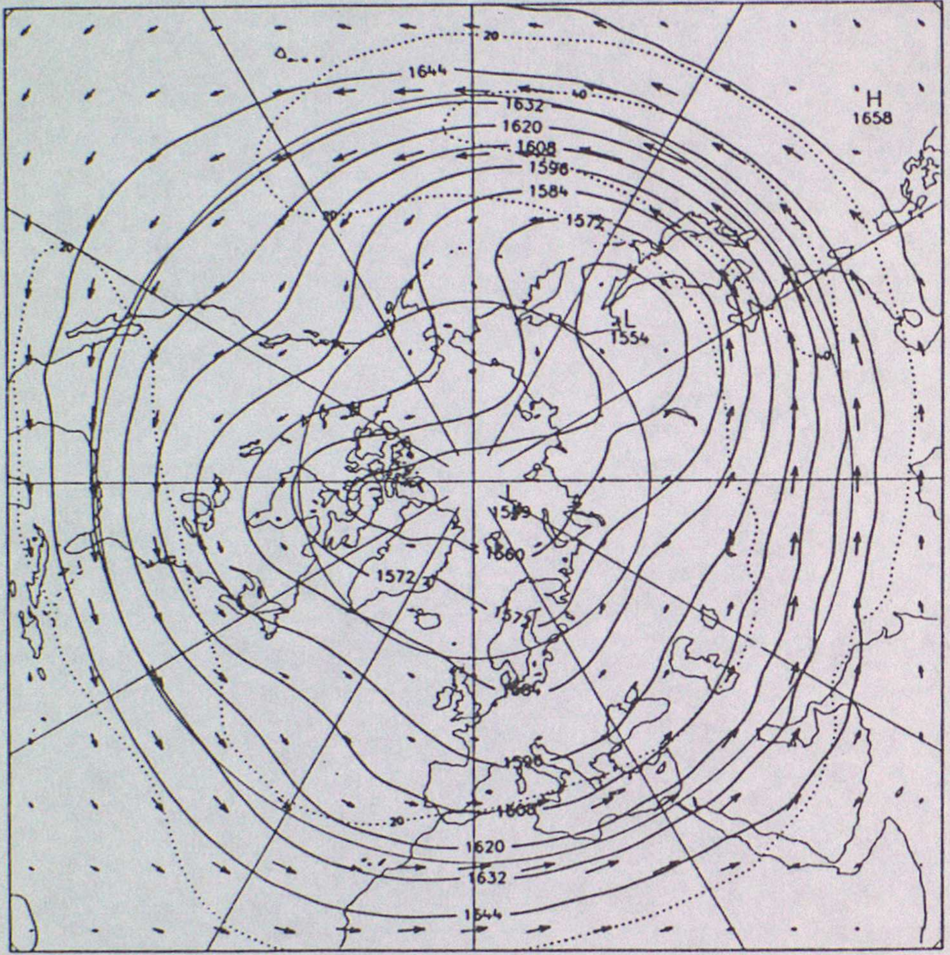
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→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MARCH 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/3/1984 DAY 91
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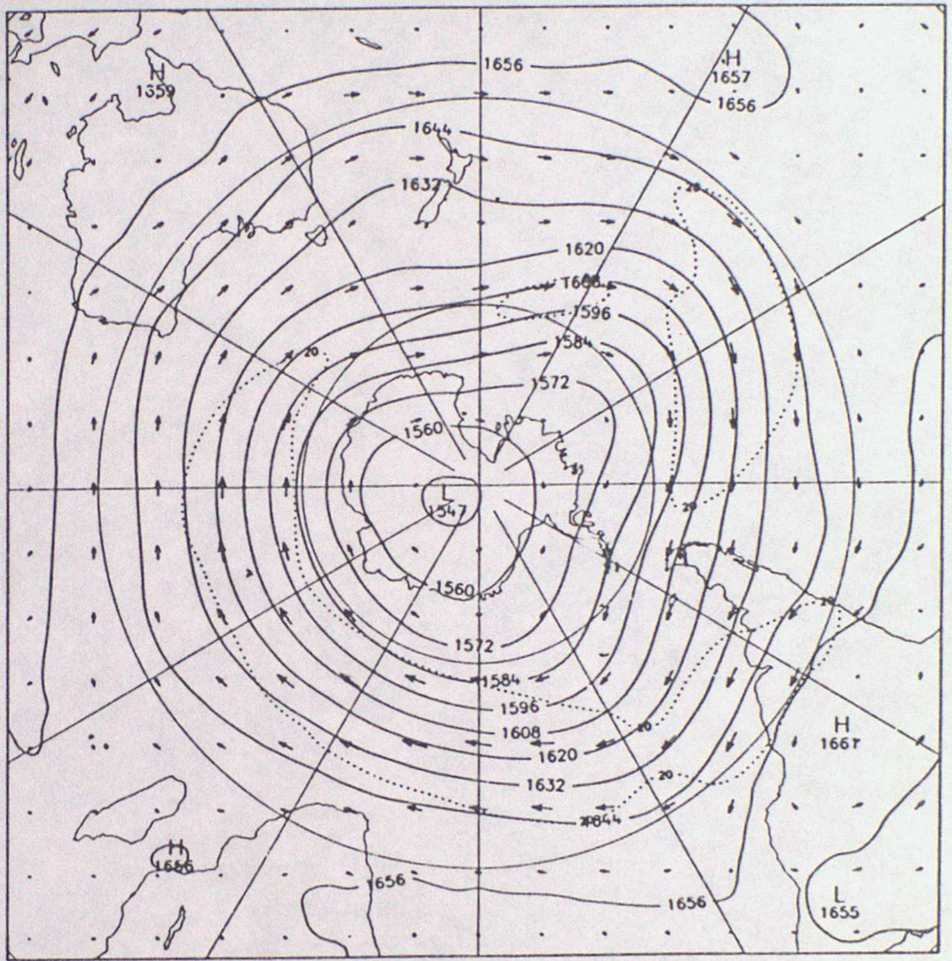
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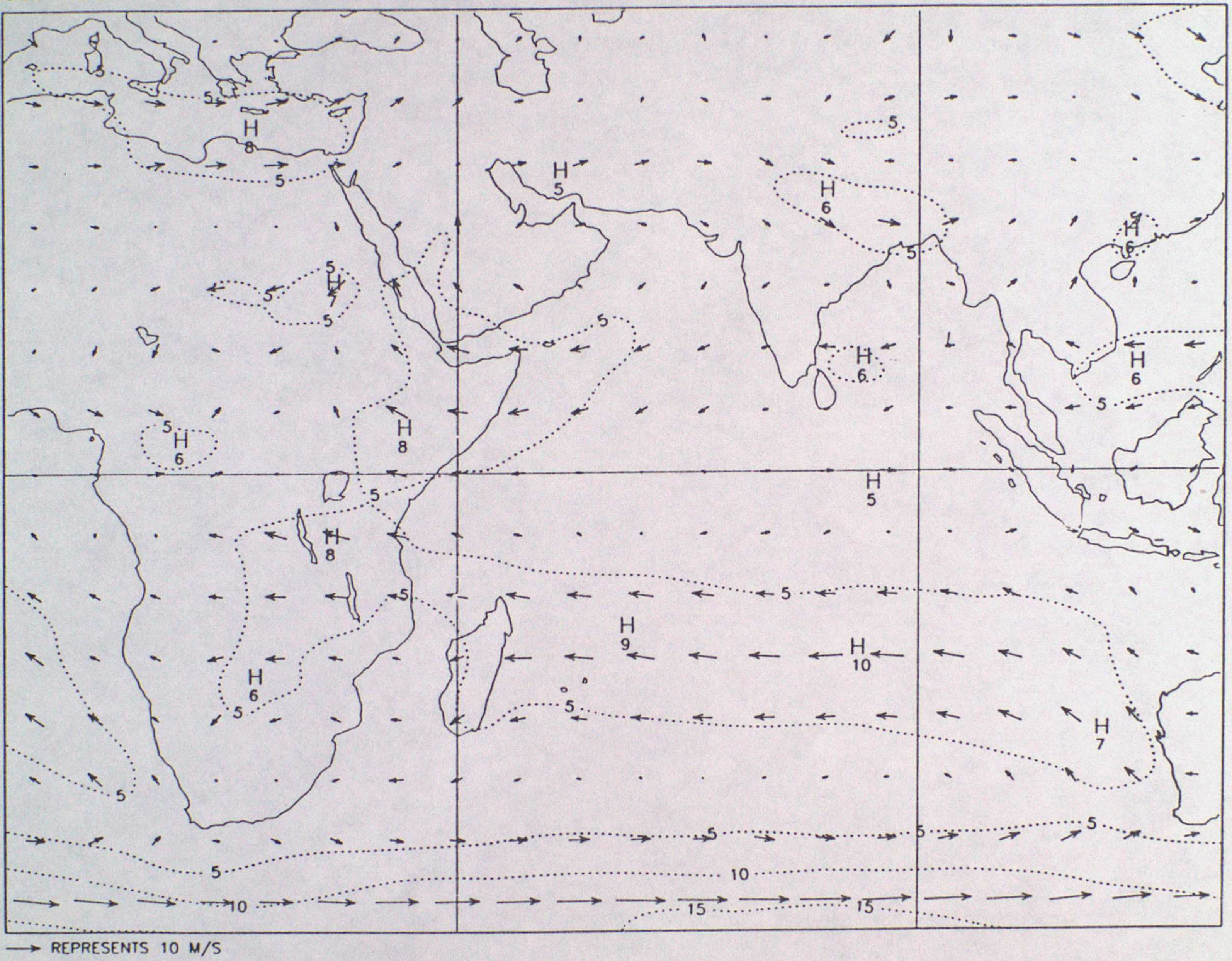
→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS.    MARCH 1984
WIND ARROWS AND ISOTACHS  BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/3/1984 DAY 91
850 MBS.    BETWEEN LONGS. 0 E - 120 E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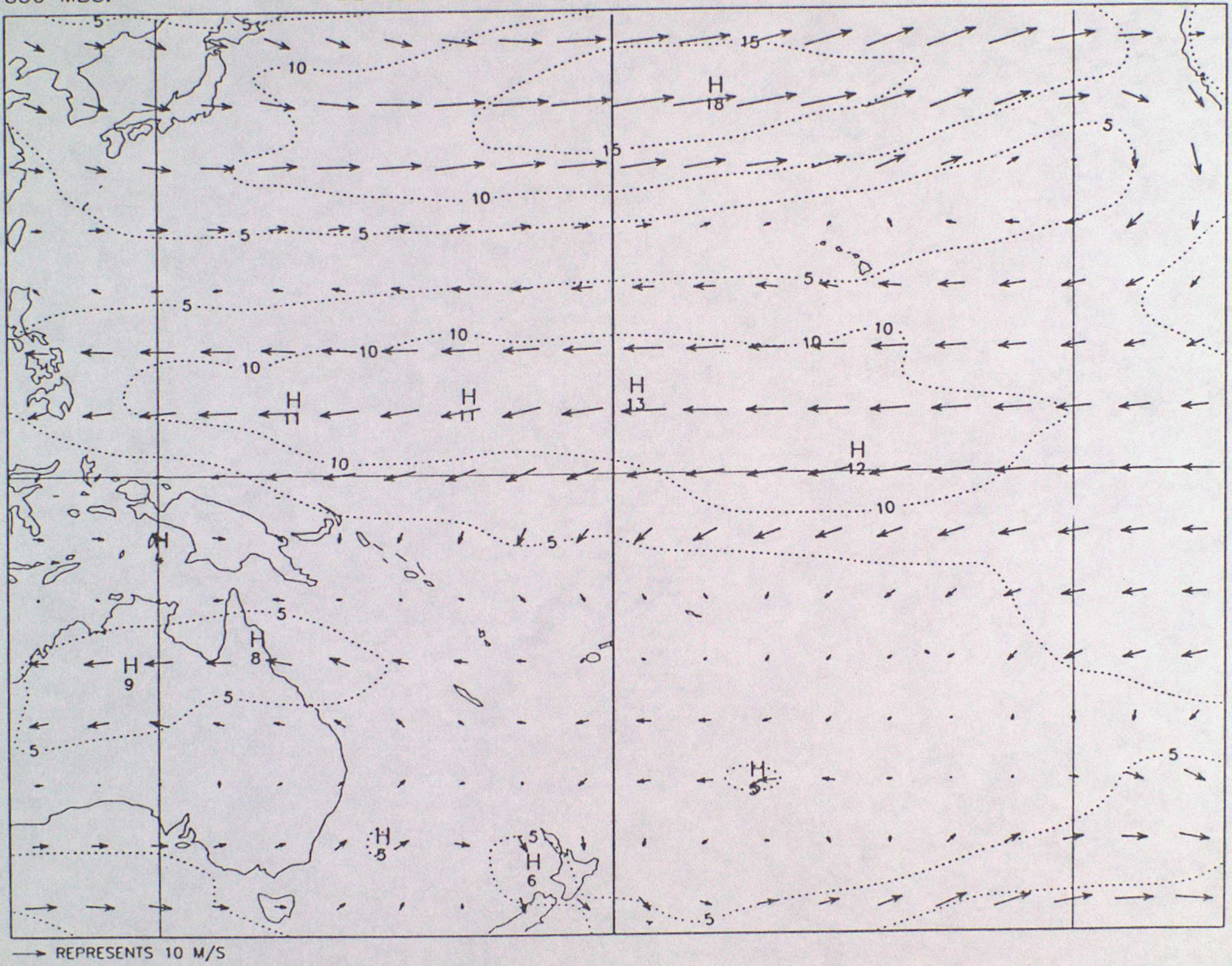
→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS.     MARCH  1984
WIND ARROWS AND ISOTACHS  BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/3/1984 DAY 91
850 MBS.                    BETWEEN LONGS. 120 E - 120 W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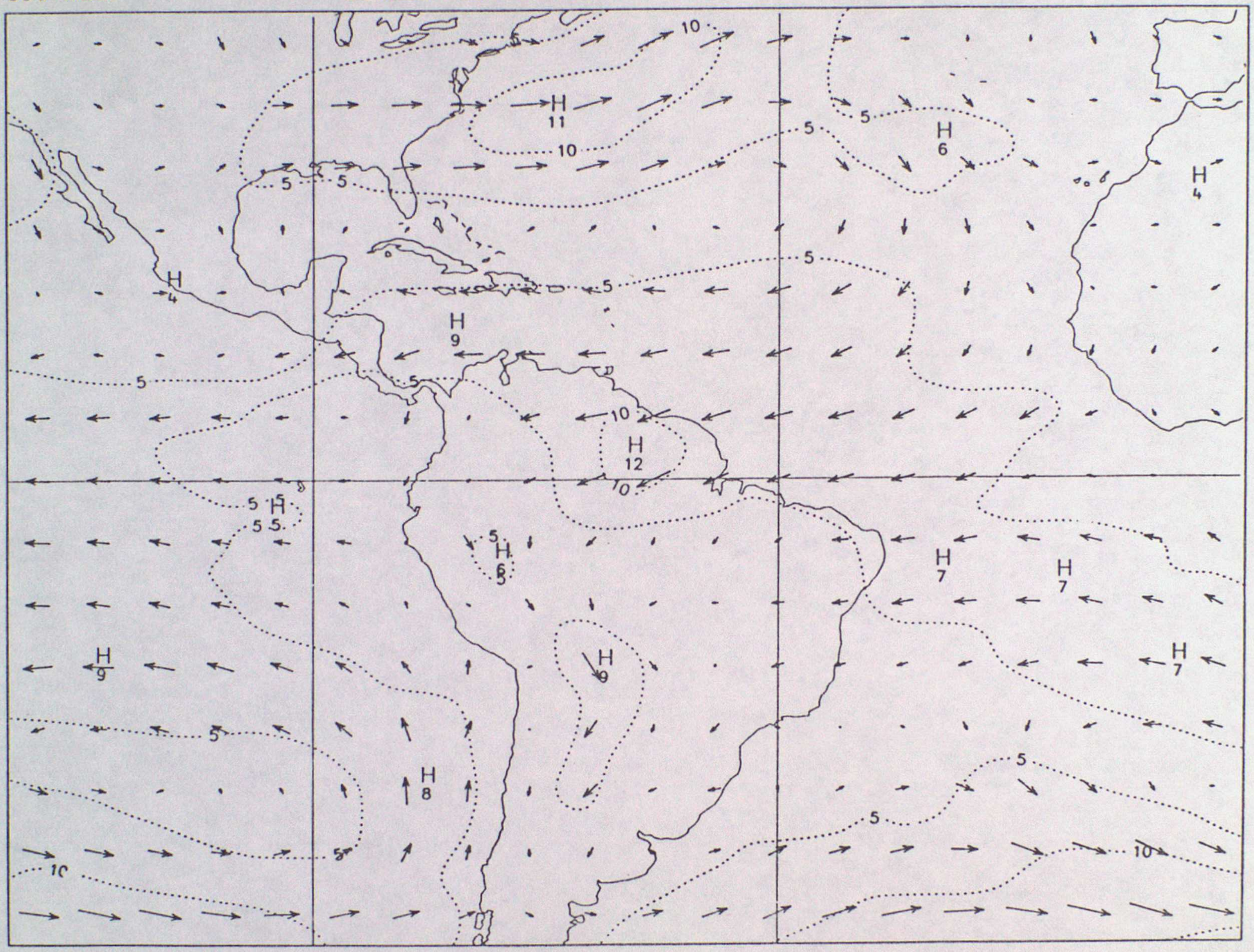
→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS.      MARCH   1984
WIND ARROWS AND ISOTACHS   BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/3/1984 DAY 91
850 MBS.                    BETWEEN LONGS. 120 W - 0 W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→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS. MARCH 1984
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
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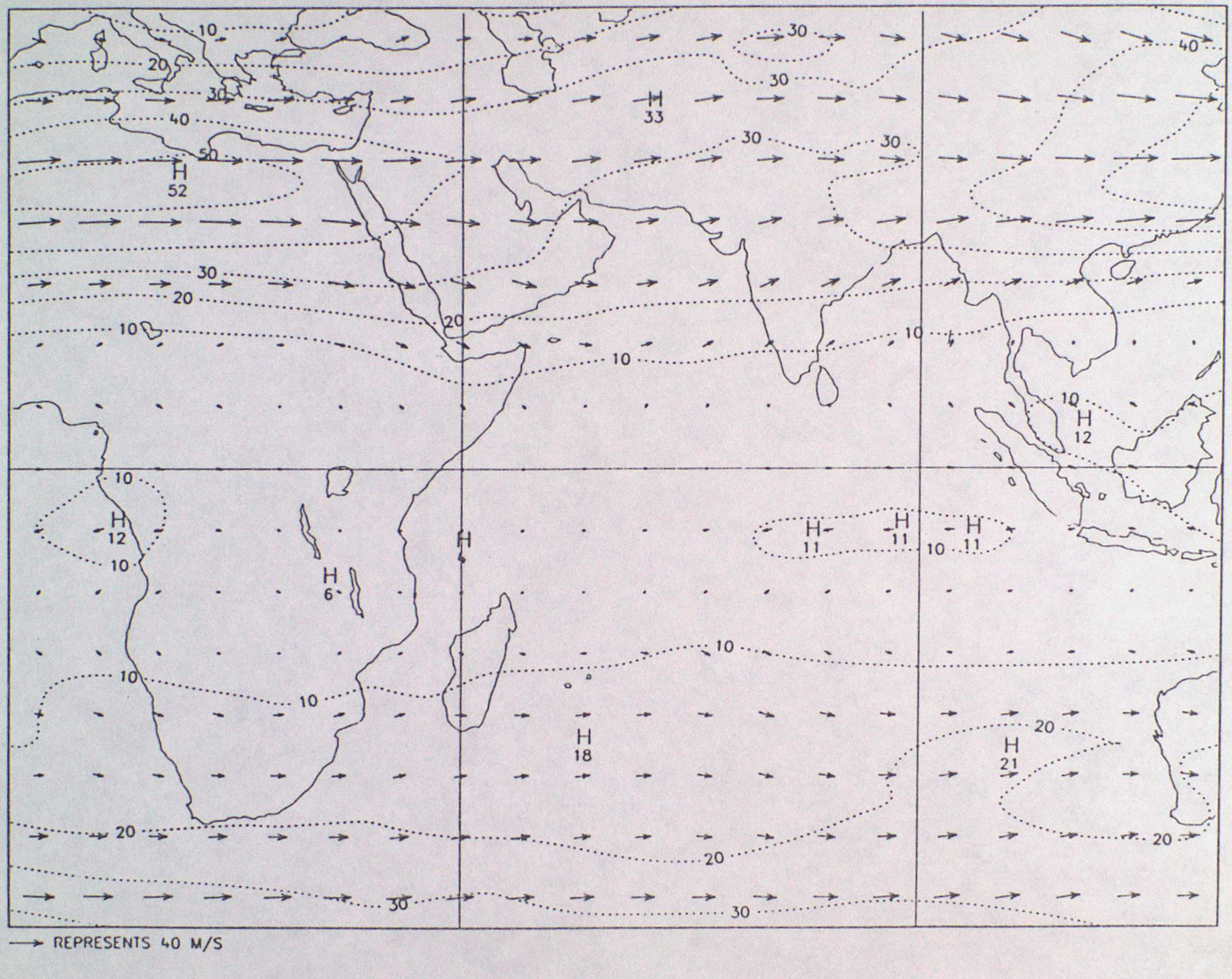
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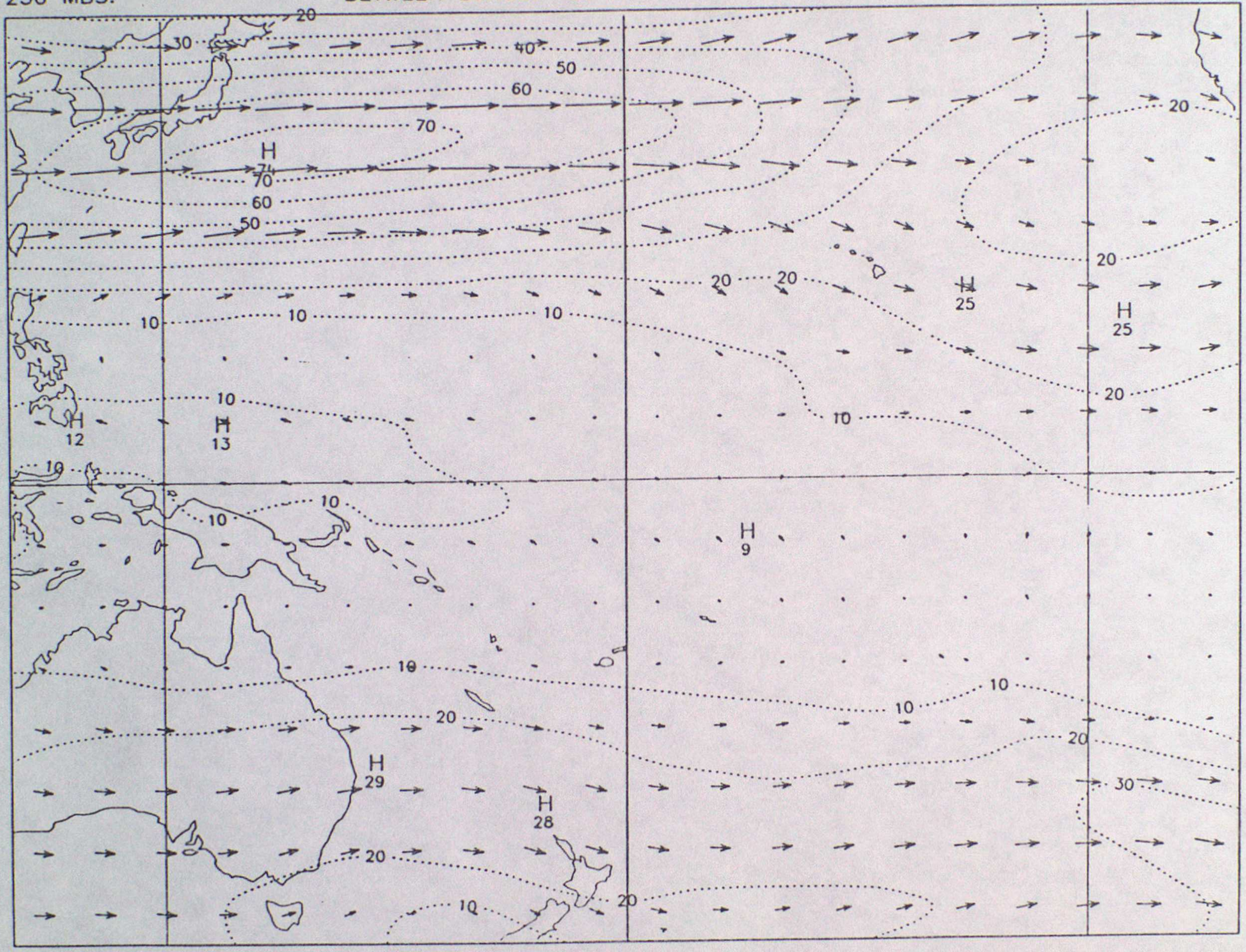
REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS. MARCH 1984
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/3/1984 DAY 91
250 MBS. BETWEEN LONGS. 120 E - 120 W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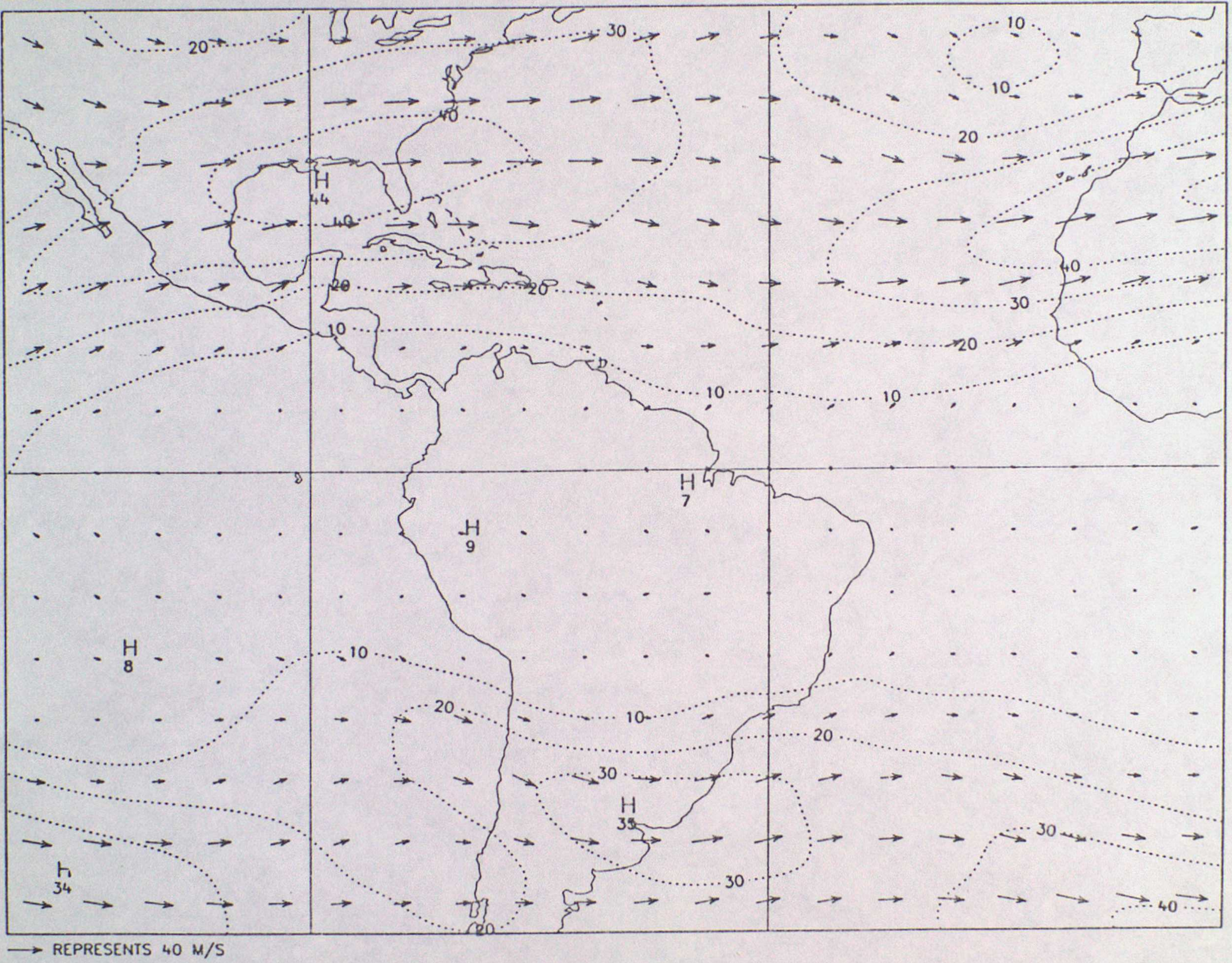
→ REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS. MARCH 1984
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/3/1984 DAY 91
250 MBS. BETWEEN LONGS. 120 W - 0 W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→ REPRESENTS 40 M/S

# APRIL
# 1984

OPERATIONAL ARCHIVE MEANS. APRIL 1984
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AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1984 DAY 121
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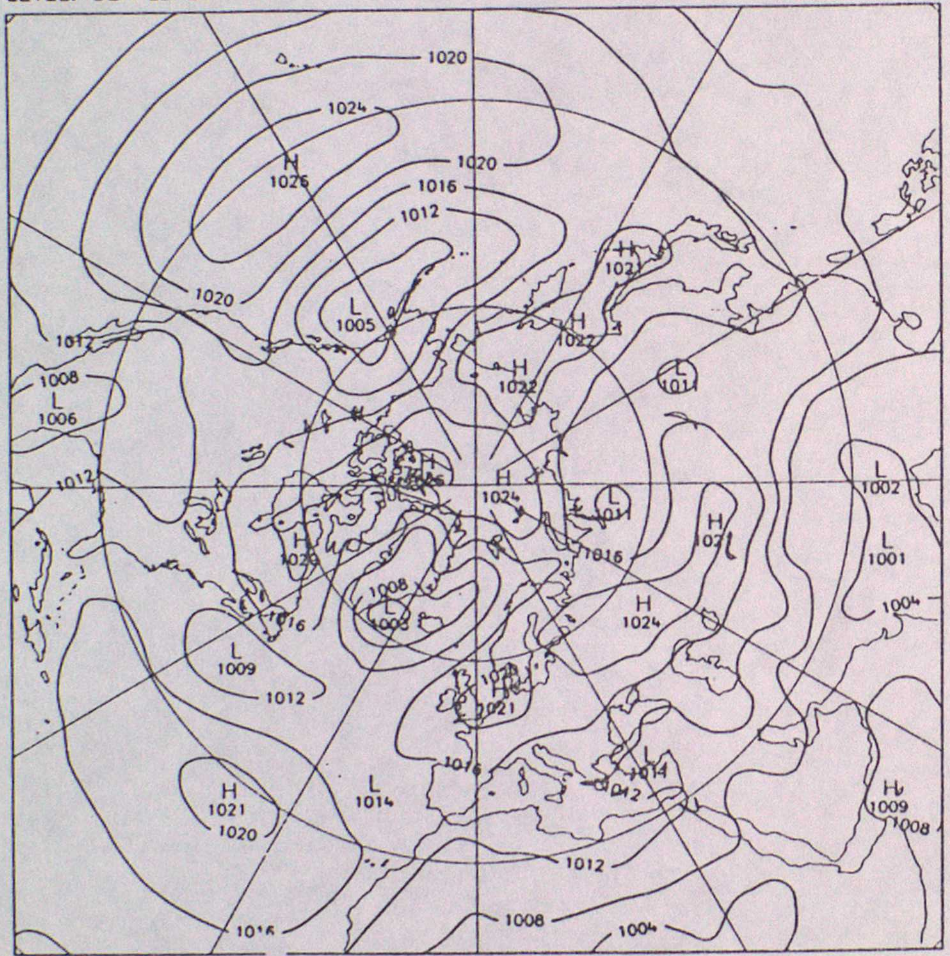
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OPERATIONAL ARCHIVE MEANS. APRIL 1984
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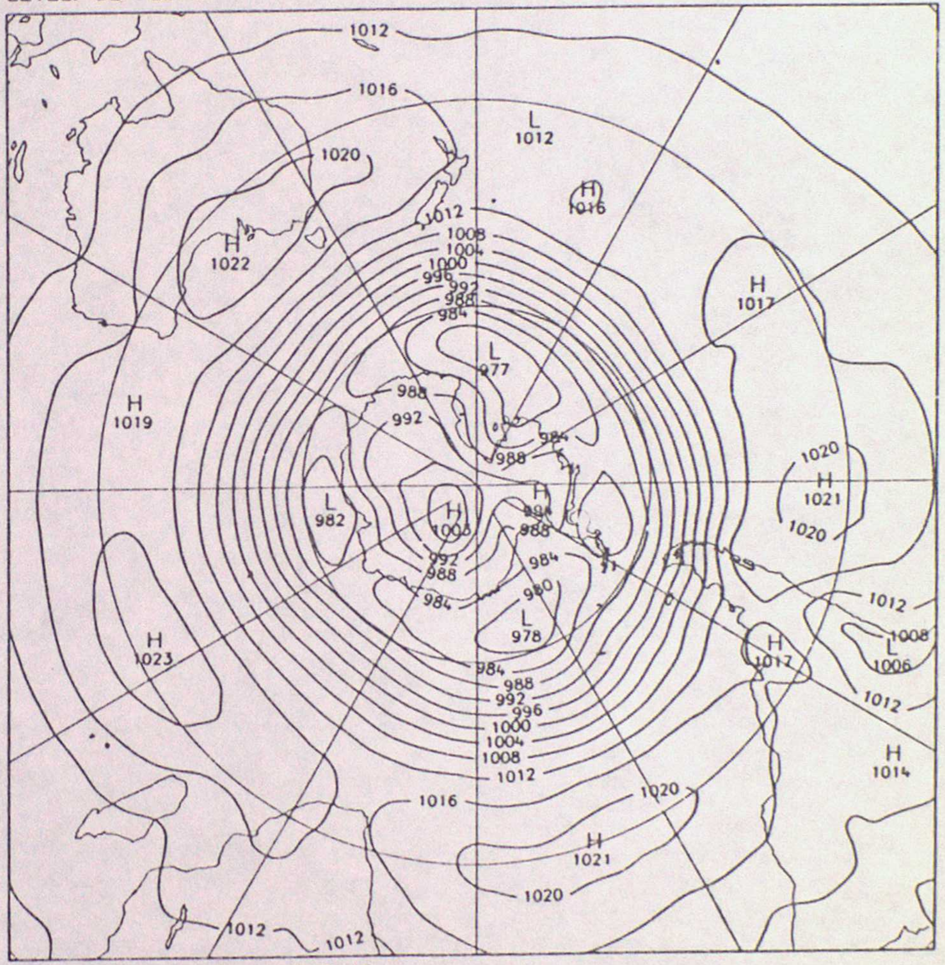
AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1984 DAY 121
LEVEL: SEA LEVEL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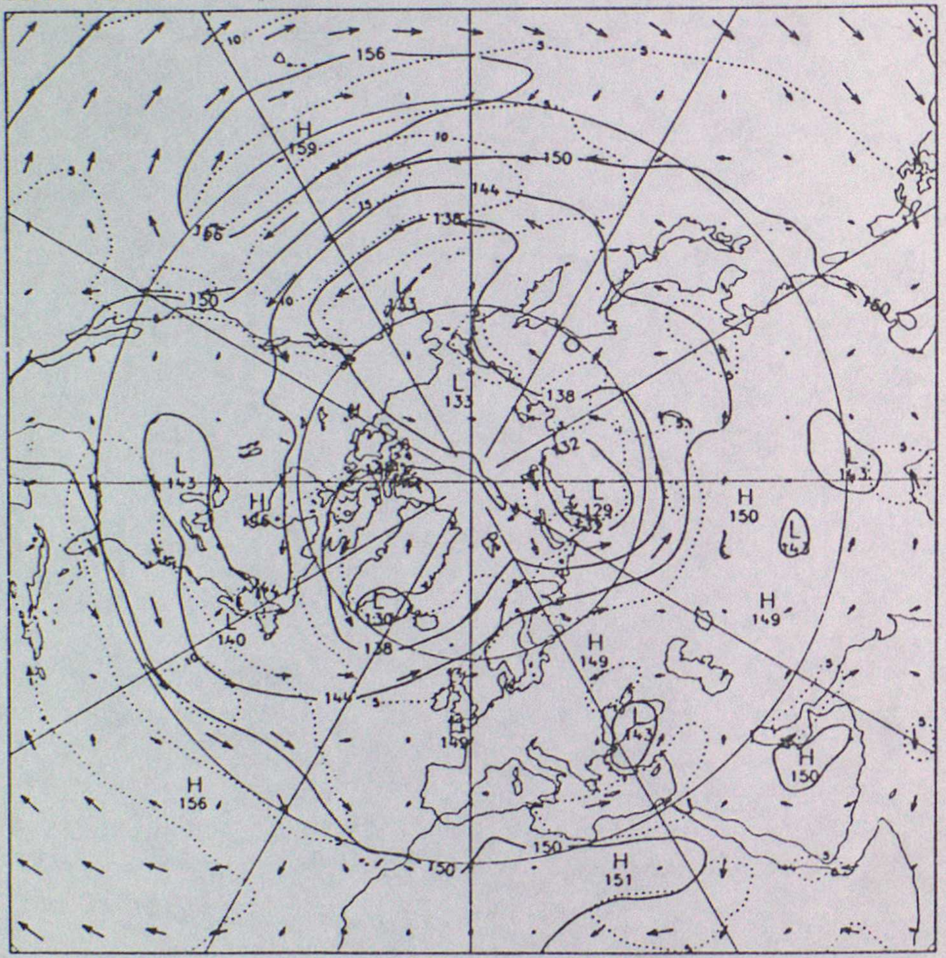
CONTOUR INTERVAL: 4 MB UNITS: MB

OPERATIONAL ARCHIVE MEANS. APRIL 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1984 DAY 121
LEVEL: 850 MB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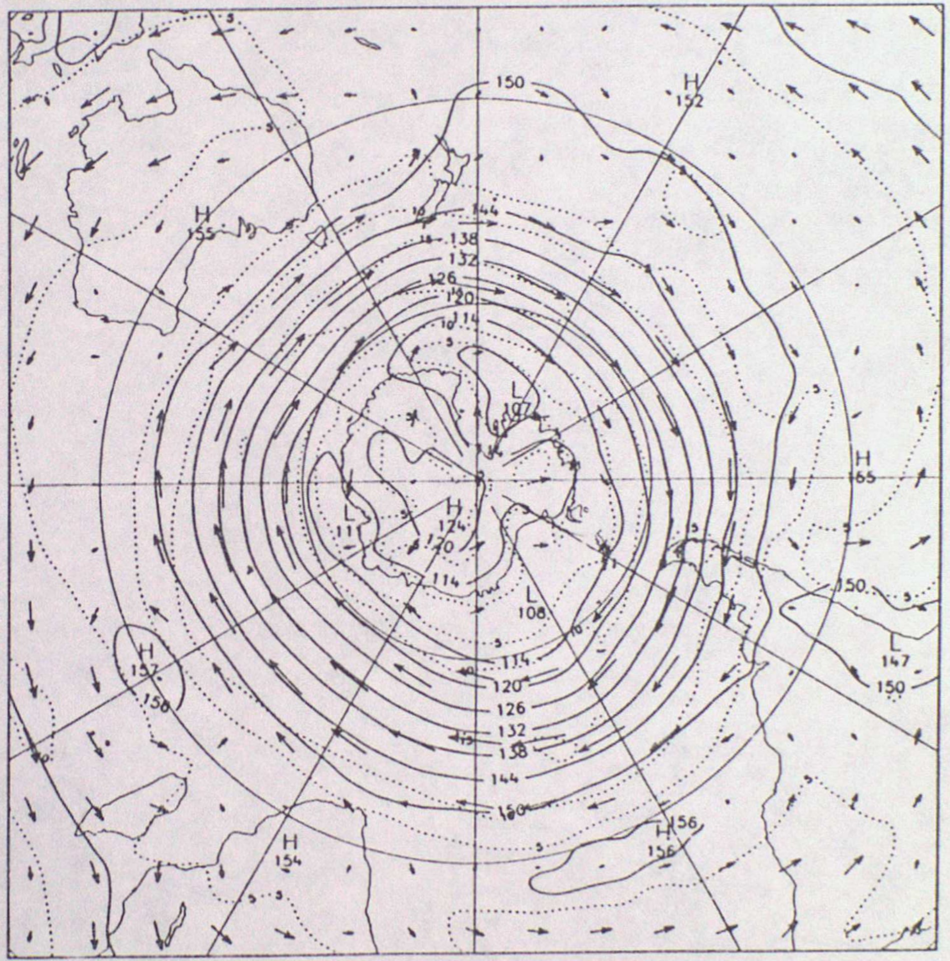
→ REPRESENTS 10 M/S CONTOUR INTERVAL: 60 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. APRIL 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1984 DAY 121
LEVEL: 850 MB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→ REPRESENTS 10 M/S CONTOUR INTERVAL: 60 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. APRIL 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1984 DAY 121
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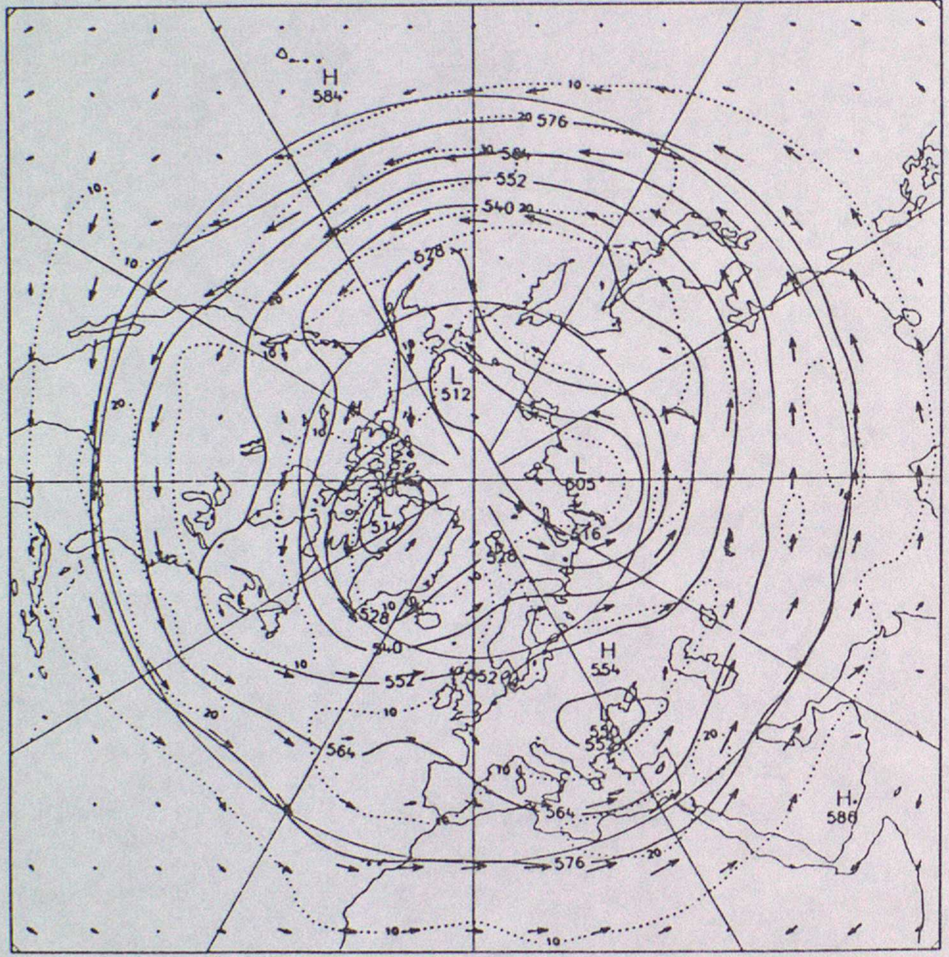
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→ REPRESENTS 20 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. APRIL 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1984 DAY 121
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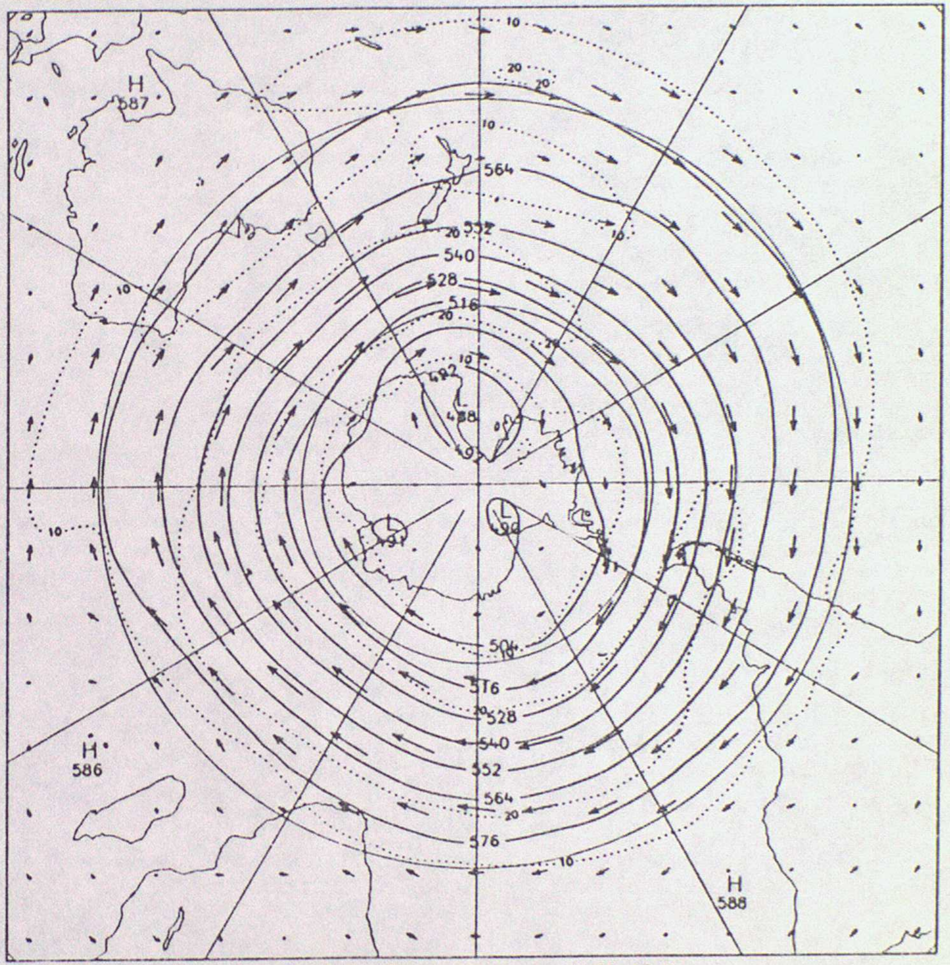
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20

→ REPRESENTS 20 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. APRIL 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1984 DAY 121
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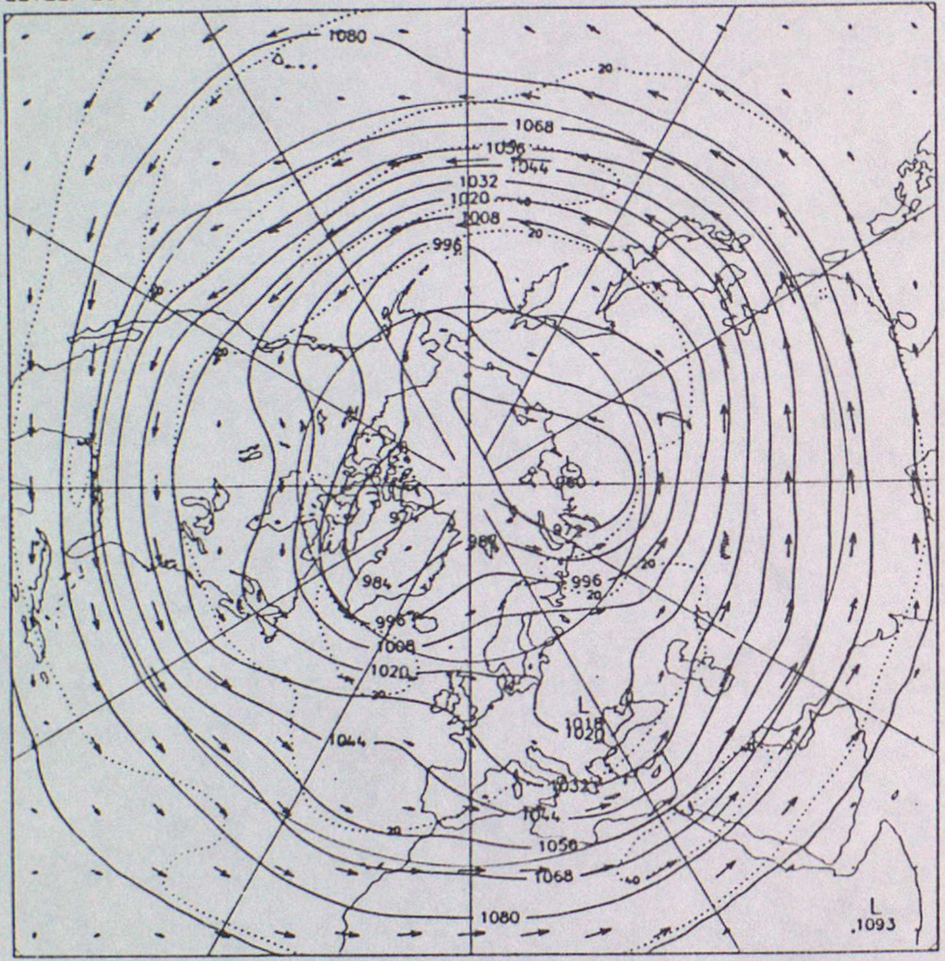
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→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. APRIL 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1984 DAY 121
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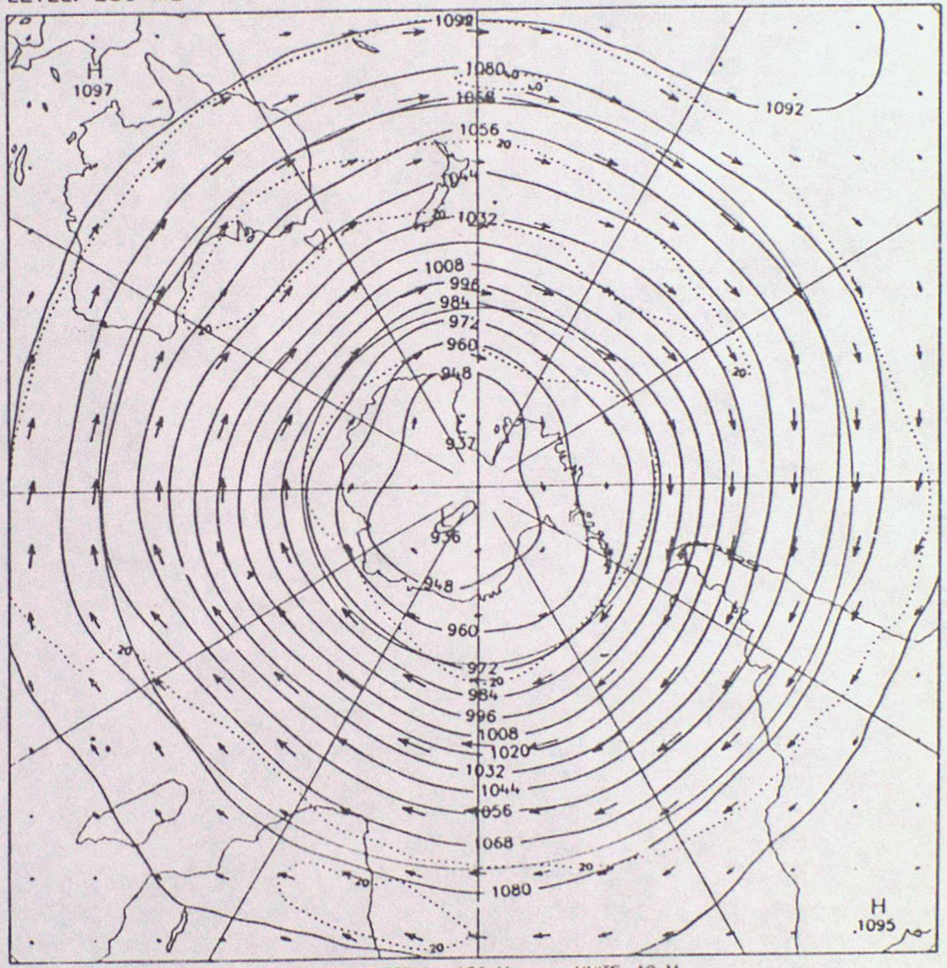
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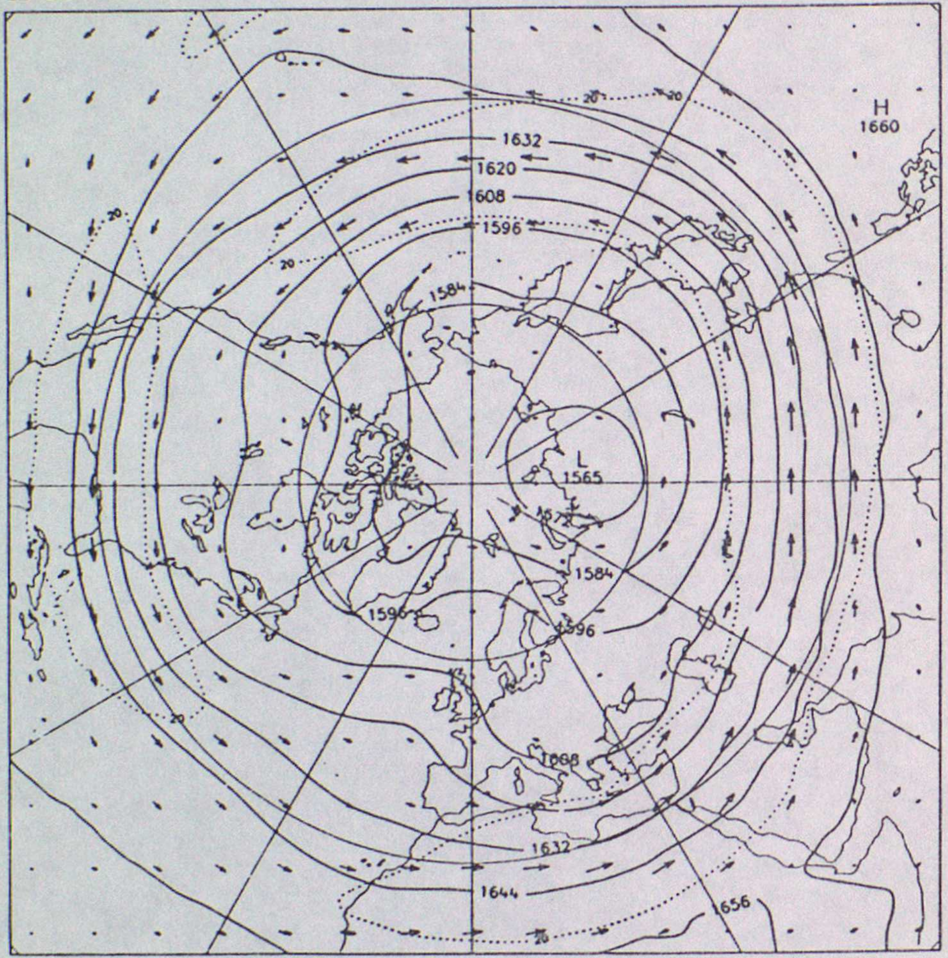
948
937
936
20
40
H
1095

→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. APRIL 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1984 DAY 121
LEVEL: 100 MB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L
1565
1572
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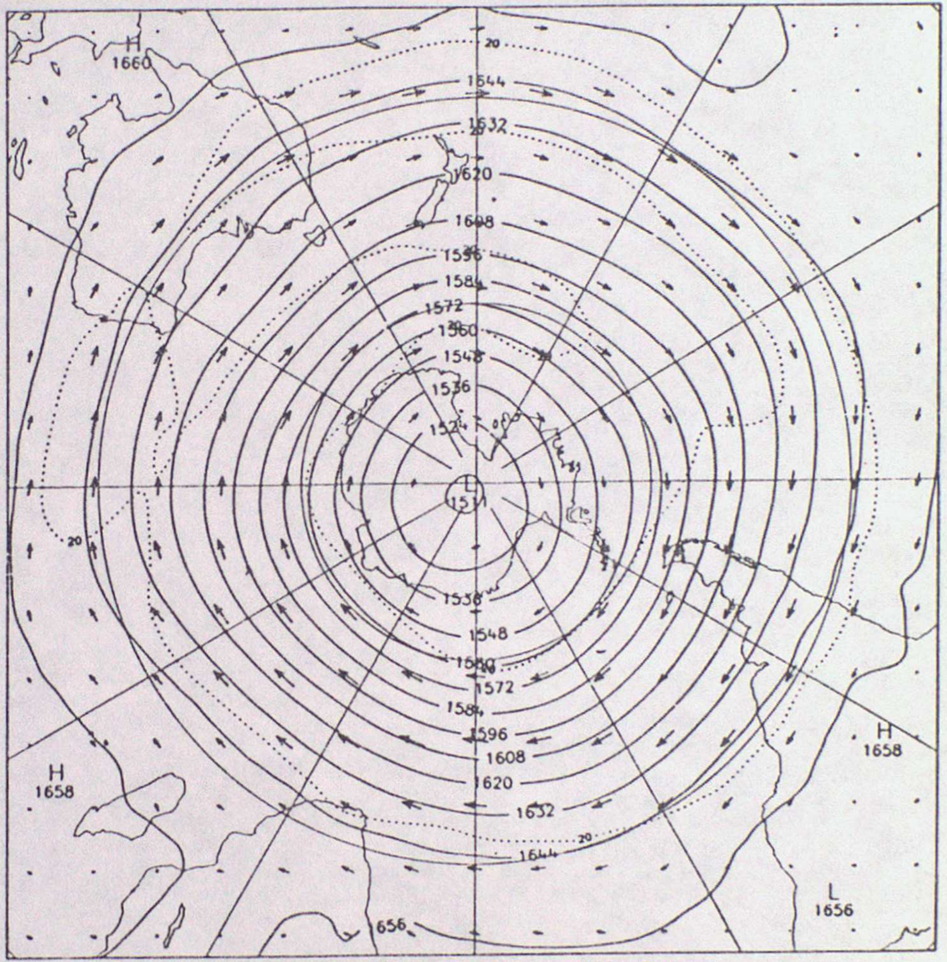
1596
1608
1632
1644
1656
20
20
20
20
20

→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. APRIL 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1984 DAY 121
LEVEL: 100 MB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L
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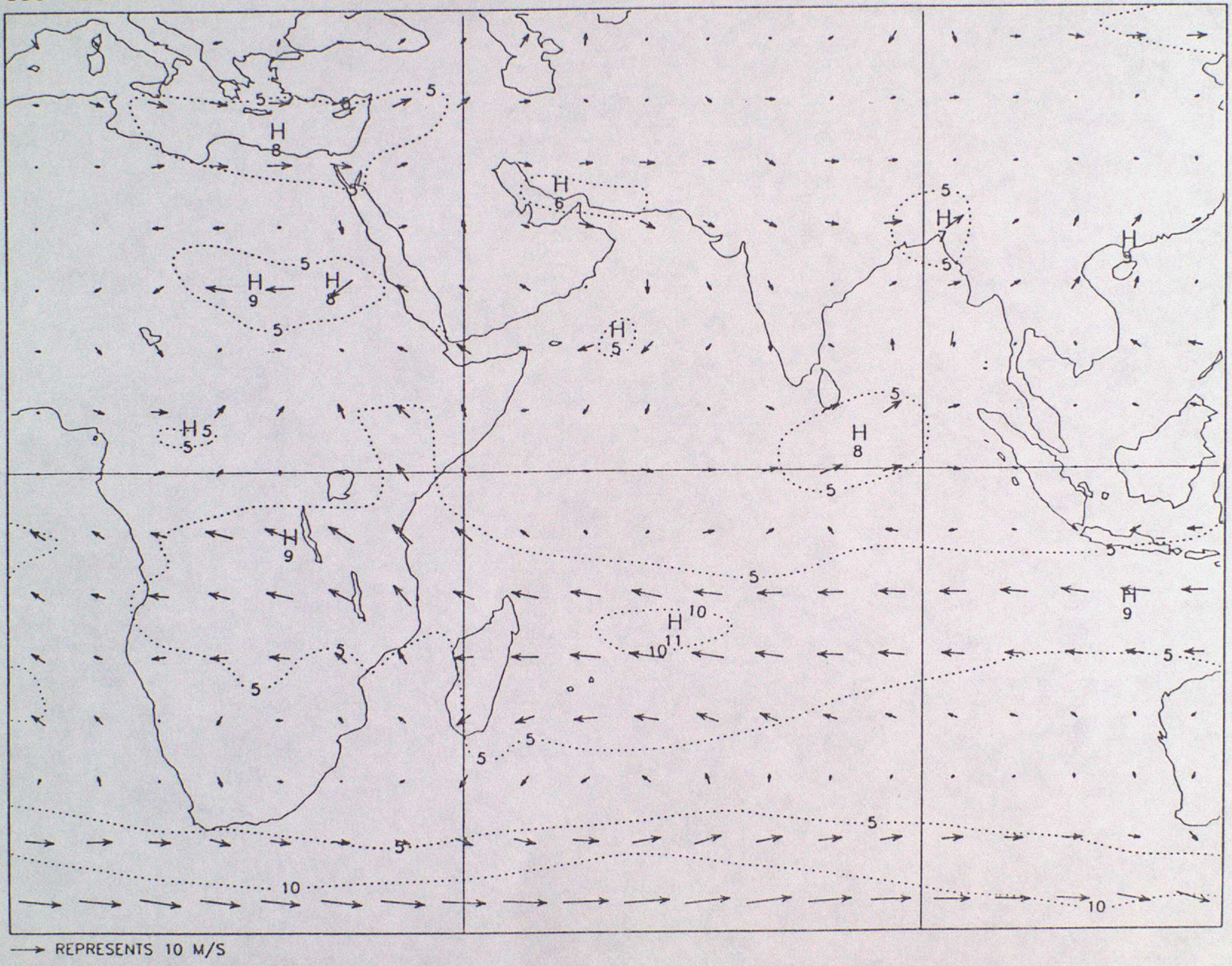
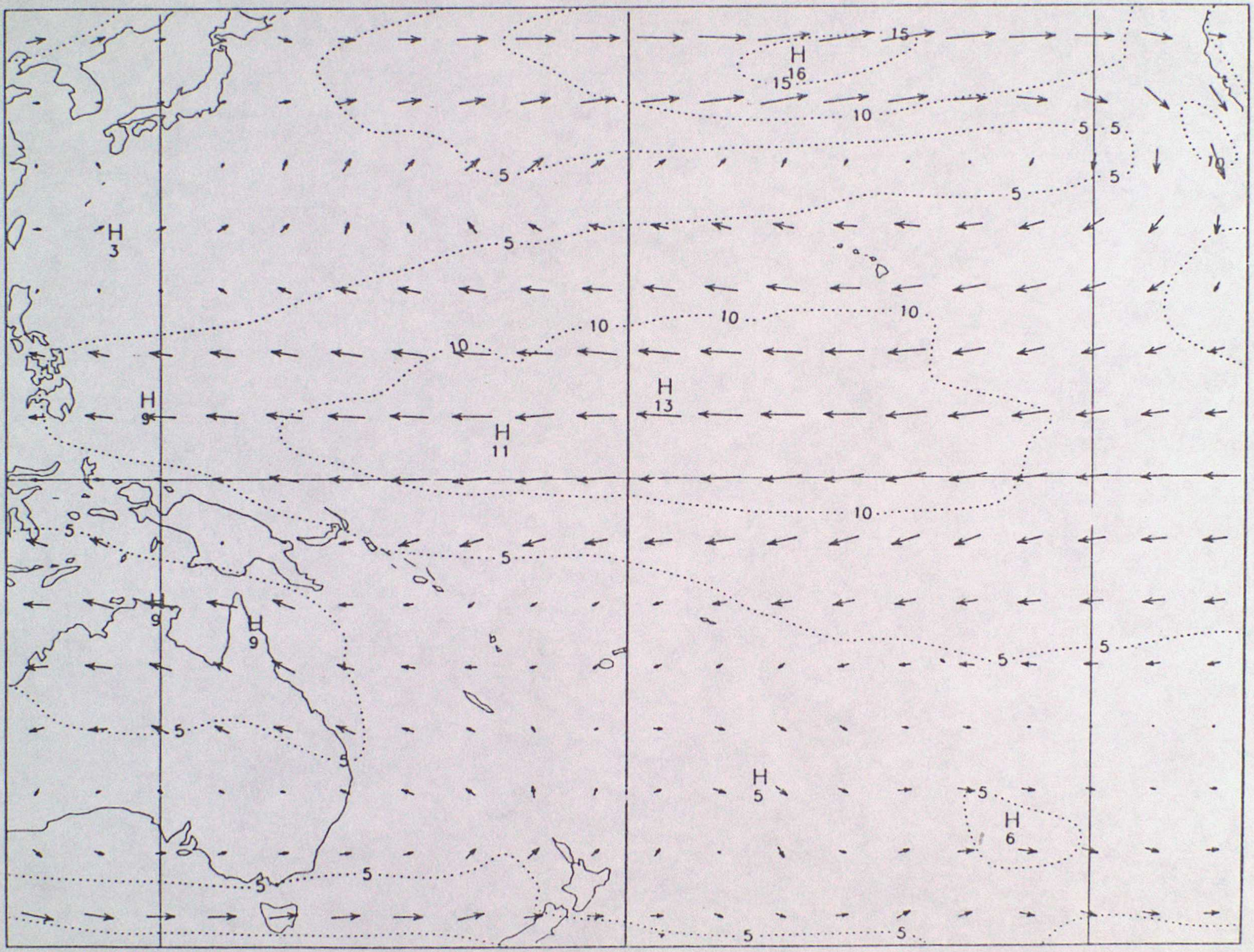
1536
1548
1560
1572
1584
1596
1608
1620
1632
1644
20
H
1658
H
1658
L
1656
1656
20

→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS.      APRIL  1984
WIND ARROWS AND ISOTACHS  BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1984 DAY 121
850 MBS.                    BETWEEN LONGS. 0 E - 120 E


H
5
6
7
8
9
10
11
→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS. APRIL 1984
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1984 DAY 121
850 MBS. BETWEEN LONGS. 120 E - 120 W



H
16
15
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5
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H
3
5
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10
10
H
9
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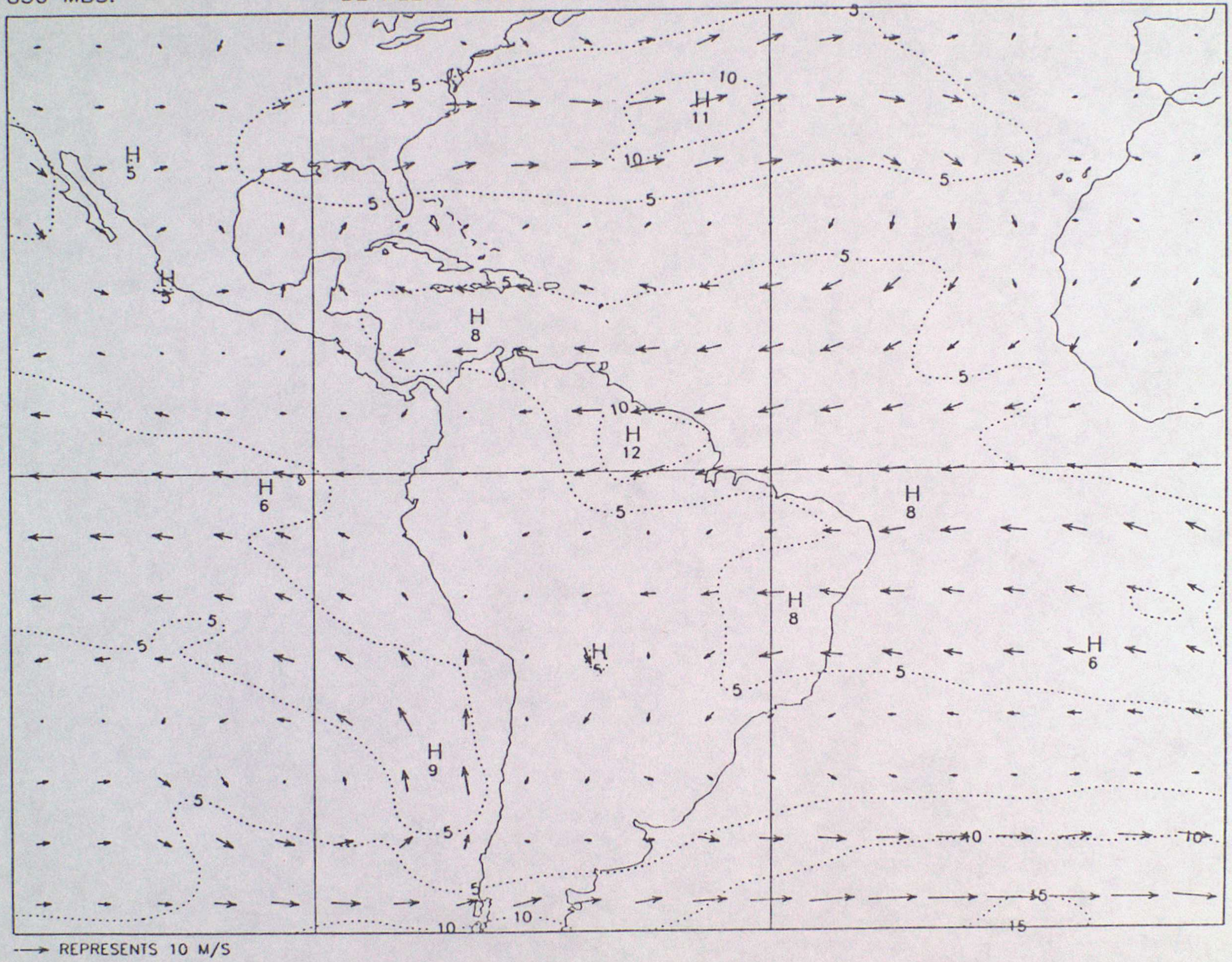
13
H
11
10
5
5
H
9
H
9
5
5
5
5
5
H
5
5
H
6
5
5
5
10

→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS.     APRIL  1984
WIND ARROWS AND ISOTACHS  BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1984 DAY 121
850 MBS.                    BETWEEN LONGS. 120 W - 0 W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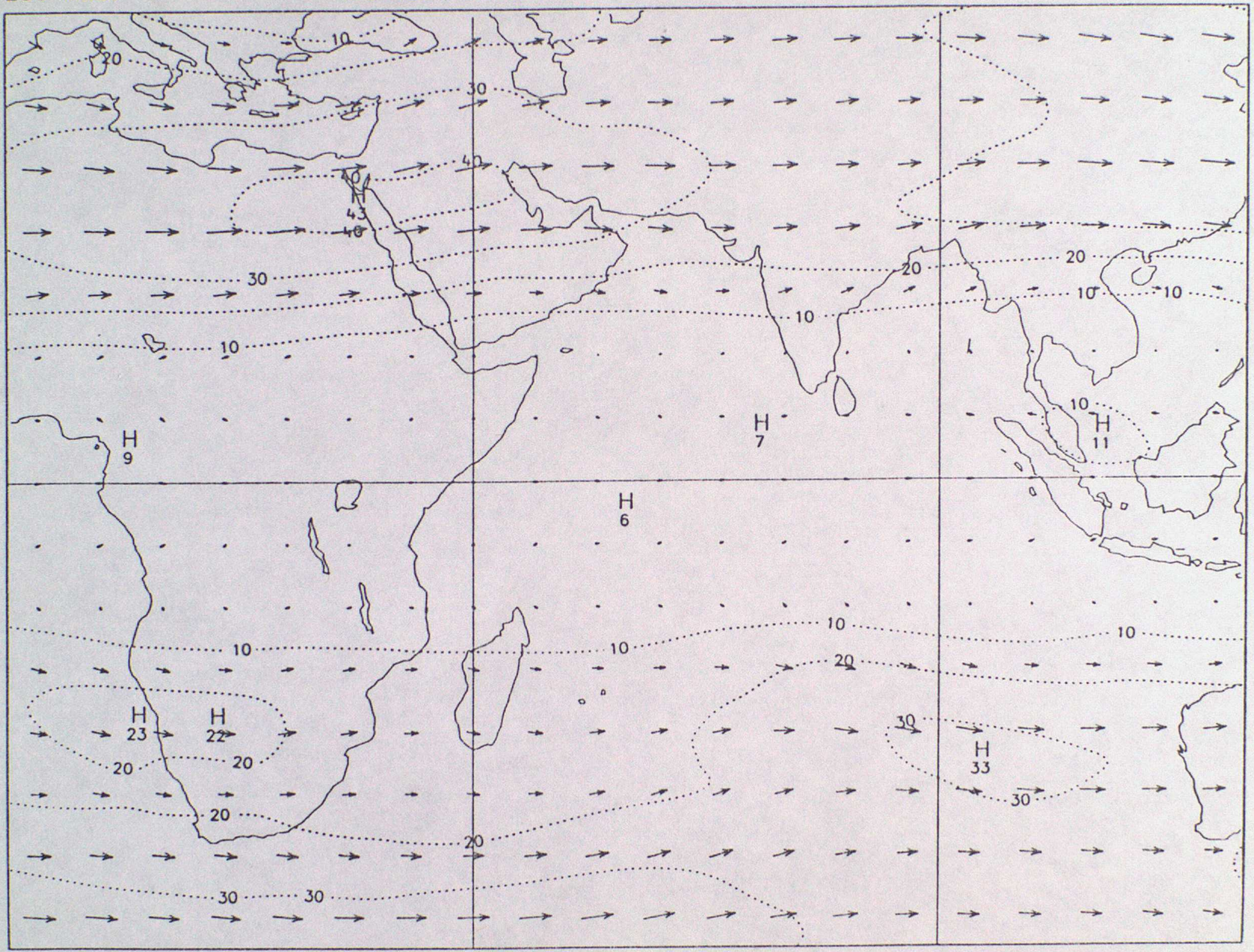
10
5
H 5
H 5
H 8
H 12
H 6
H 8
H 8
H 6
H 5
H 9
15
→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS. APRIL 1984
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1984 DAY 121
250 MBS. BETWEEN LONGS. 0 E - 120 E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43
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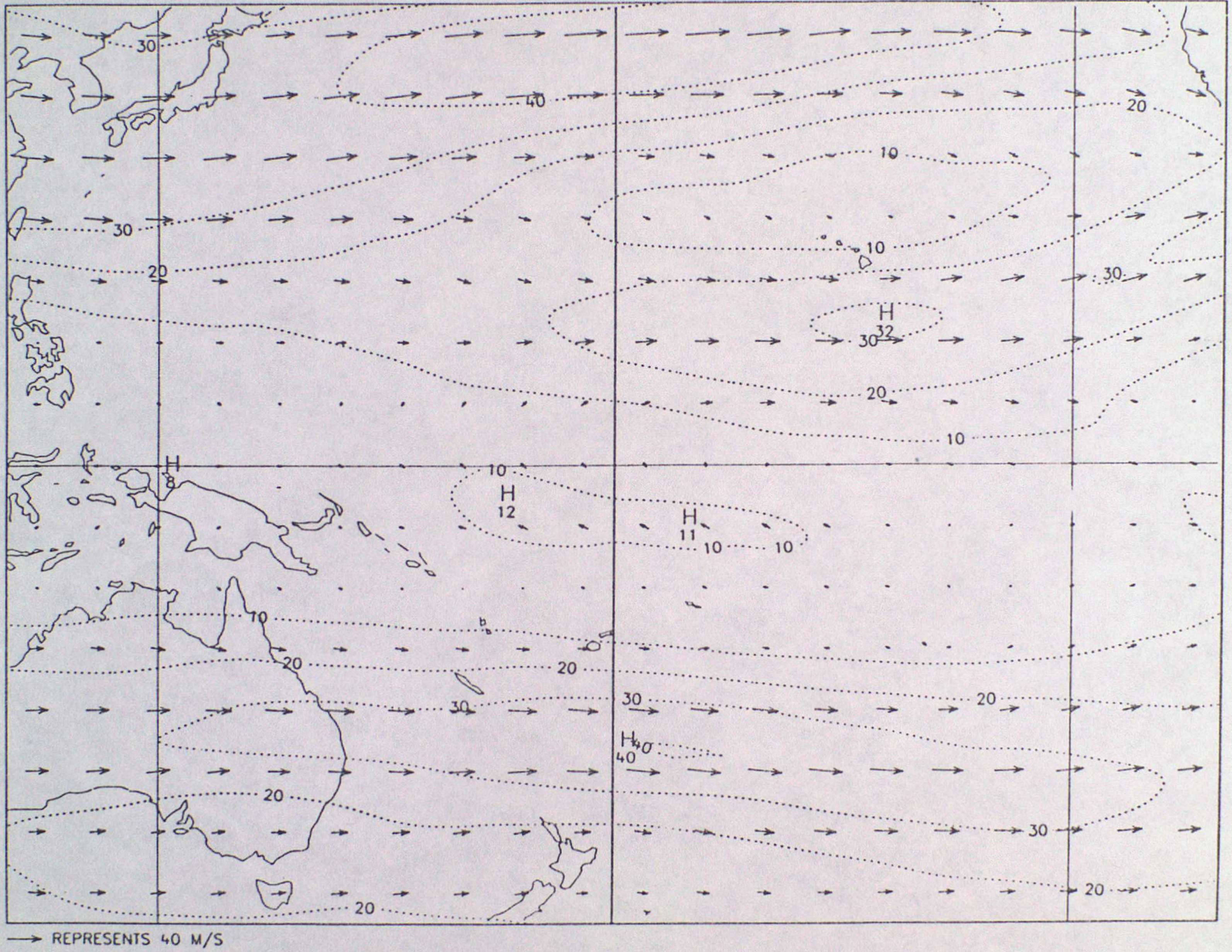
H
6
10
10
10
10
20
H
23
H
22
20
20
30
H
33
30
20
20
30
30

→ REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS. APRIL 1984
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1984 DAY 121
250 MBS. BETWEEN LONGS. 120 E - 120 W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10
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20
30
30
20
H
40
40
20
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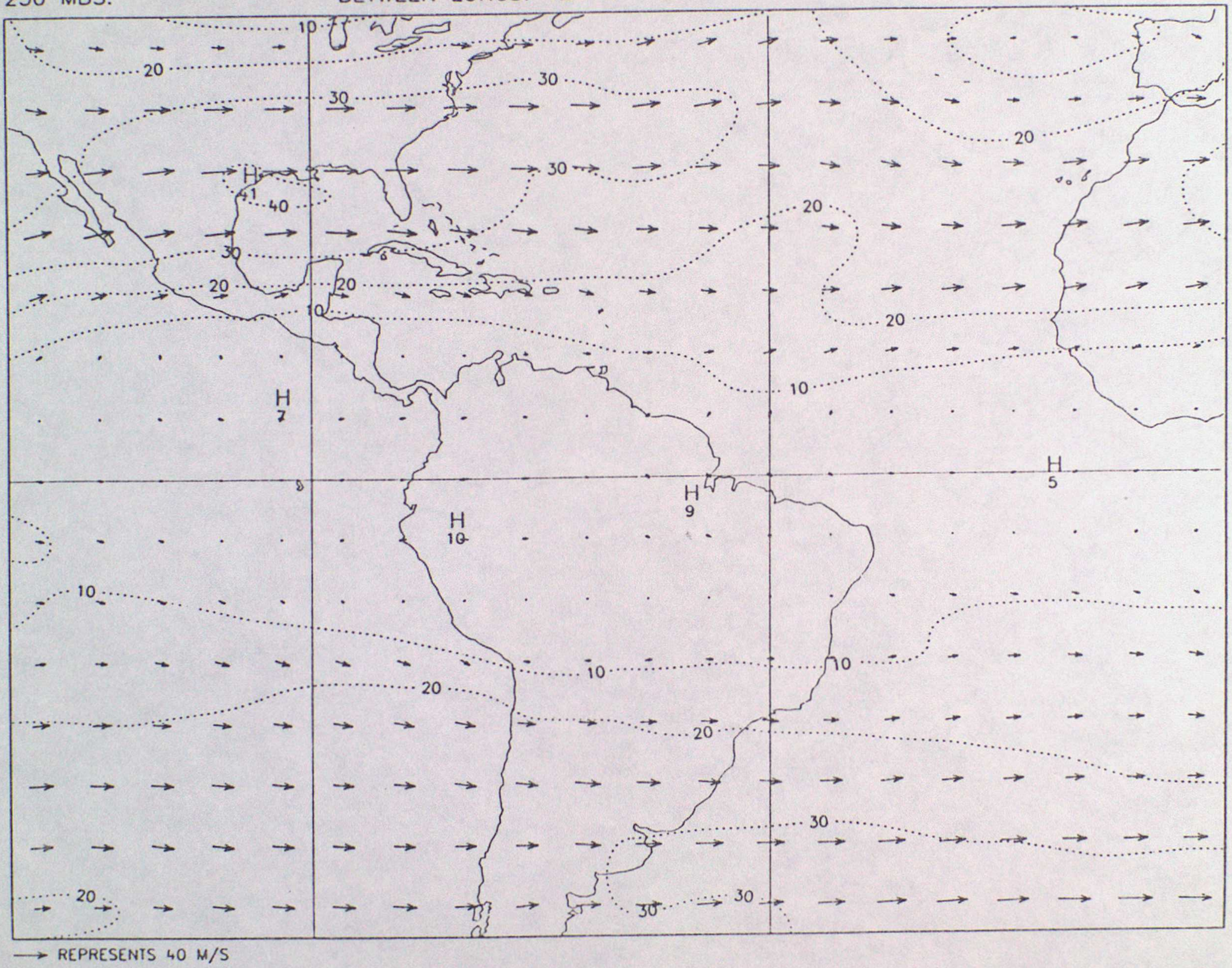
20
20
→ REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS. APRIL 1984
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1984 DAY 121
250 MBS. BETWEEN LONGS. 120 W - 0 W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20
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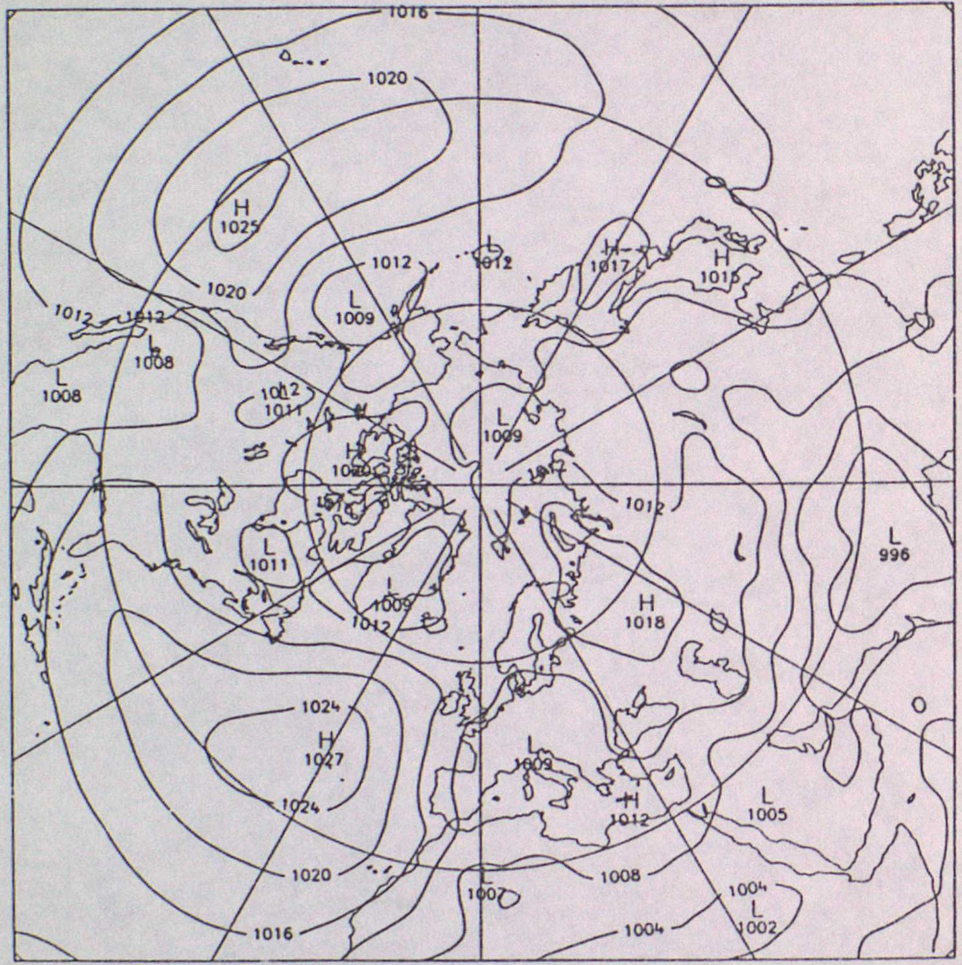
30
30
H
41
40
20
30
20
20
10
20
10
H
7
H
5
H
9
H
10
10
10
10
10
20
20
30
20
30
30
→ REPRESENTS 40 M/S

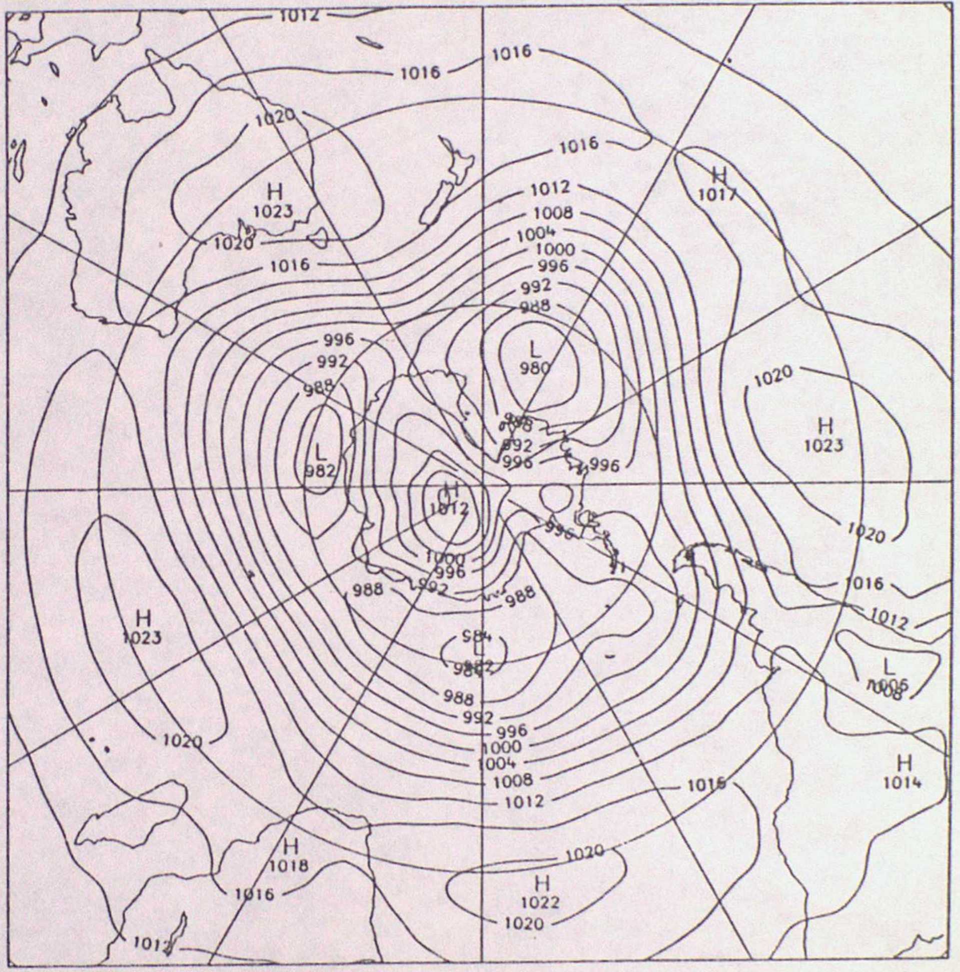
# MAY
# 1984

OPERATIONAL ARCHIVE MEANS. MAY 1984
PMSL
AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1984 DAY 152
LEVEL: SEA LEVEL


1016
1020
H
1025
1020
1012
1012
L
1009
1012
L
1008
L
1008
1012
1011
H
1020
L
1011
L
1009
1012
L
1009
1012
H
1017
H
1015
H
1018
L
996
1024
H
1027
1024
L
1009
H
1012
L
1005
1020
1007
1008
1004
L
1002
1016
1004

CONTOUR INTERVAL: 4 MB UNITS: MB

OPERATIONAL ARCHIVE MEANS. MAY 1984
PMSL
AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1984 DAY 152
LEVEL: SEA LEVEL


1012
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1023
1020
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1000
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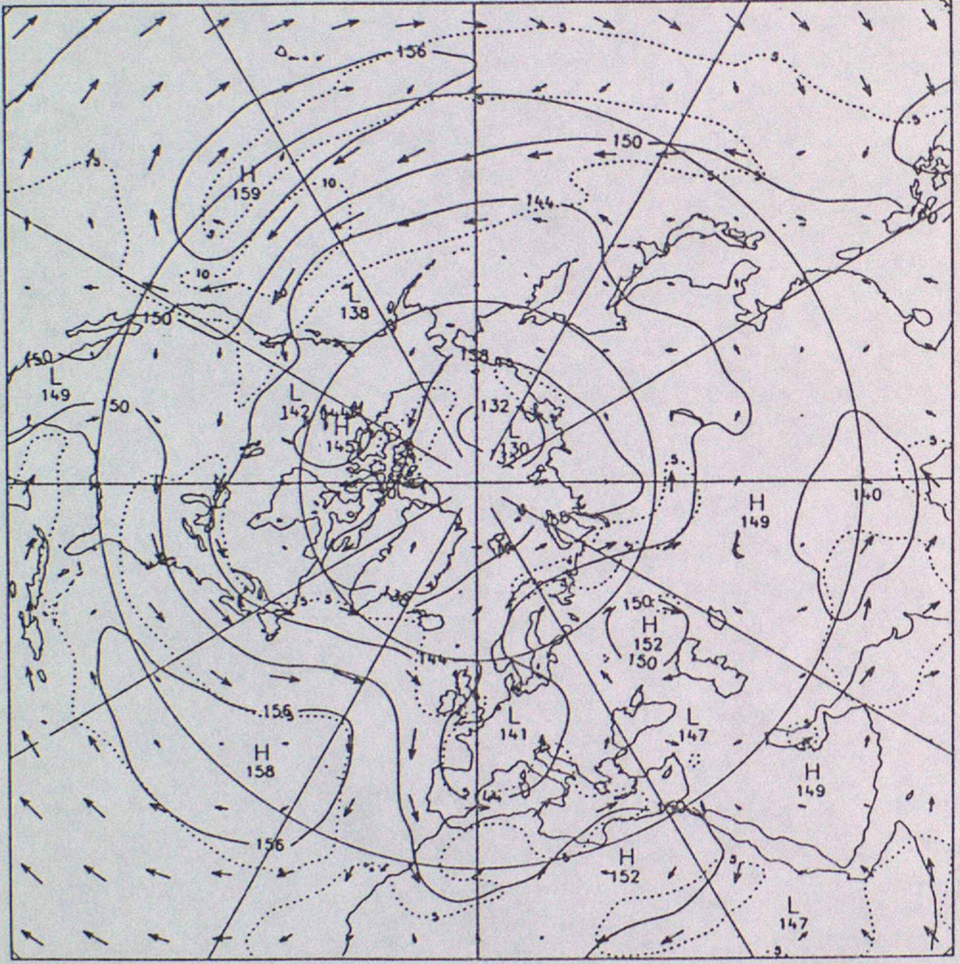
980
996
992
988
L
982
H
1012
996
1020
H
1023
1000
996
992
988
988
L
984
H
1023
988
992
996
1000
1004
1008
1012
1020
1016
1012
L
1006
H
1014
H
1018
1016
1020
H
1022
1020
1012

CONTOUR INTERVAL: 4 MB UNITS: MB

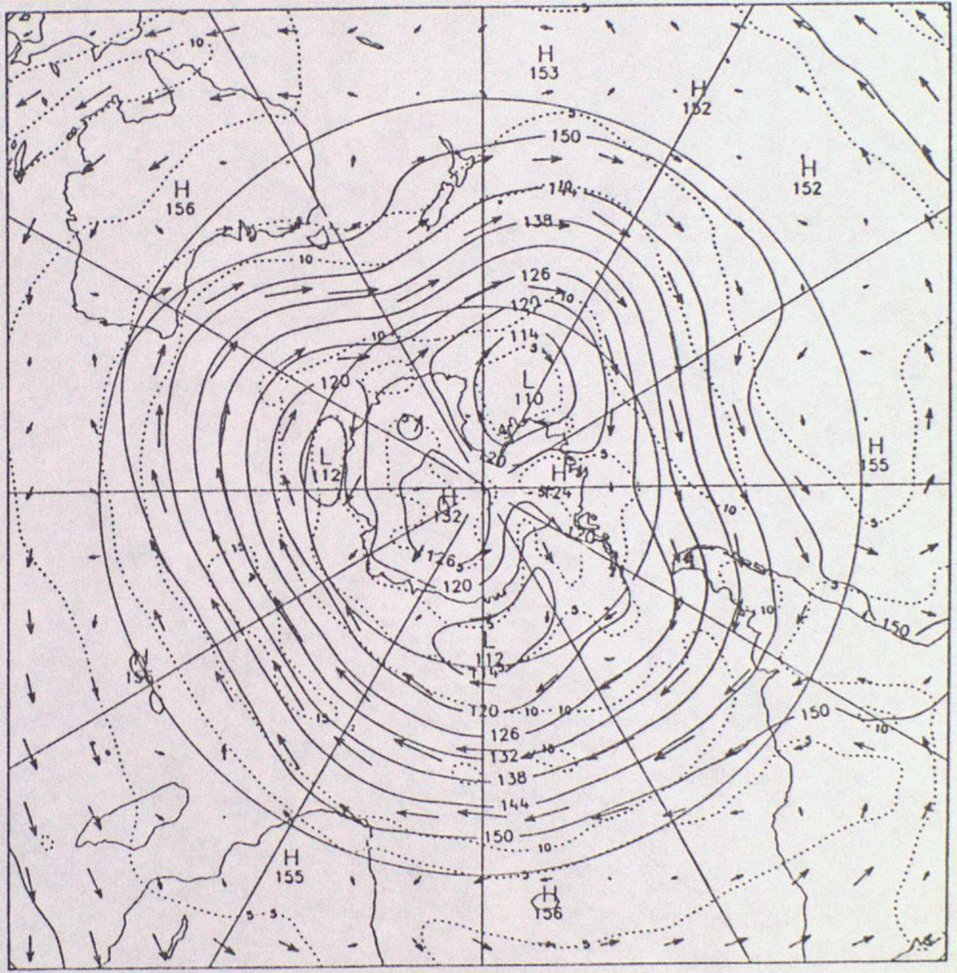
OPERATIONAL ARCHIVE MEANS.    MAY  1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1984 DAY 152
LEVEL: 850 MB



H 159
L 138
L 149
L 142
H 145
L 130
132
H 149
140
H 152
L 141
L 147
H 158
H 149
H 152
L 147
156
150
144

→ REPRESENTS 10 M/S    CONTOUR INTERVAL: 60 M    UNITS: 10 M

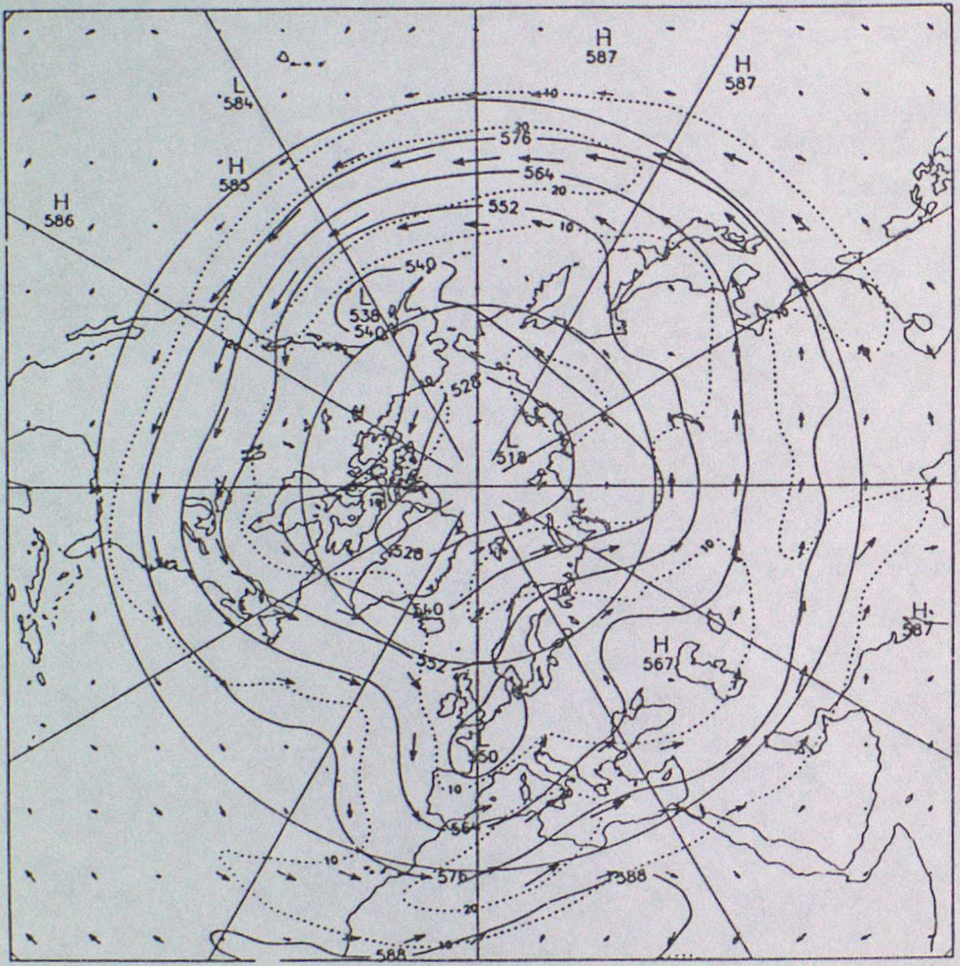
OPERATIONAL ARCHIVE MEANS.    MAY  1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1984 DAY 152
LEVEL: 850 MB



H 153
H 152
H 156
H 152
L 110
L 112
H 155
H 132
L 112
H 155
H 156
150
144
138
132
126
120
114

→ REPRESENTS 10 M/S    CONTOUR INTERVAL: 60 M    UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAY 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1984 DAY 152
LEVEL: 500 MB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585
H
586
576
564
552
540
L
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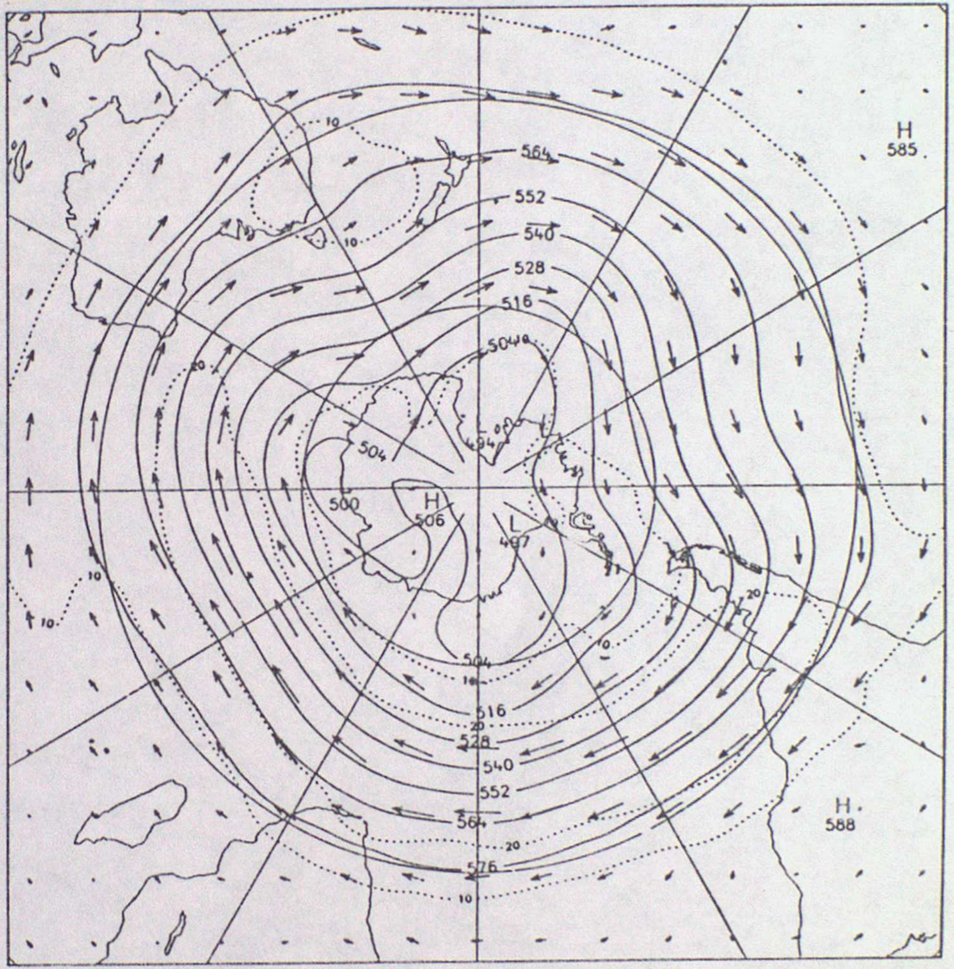
L
518
528
540
552
L
550
564
576
588
588
H
567
H
587
10
20
40

⟶ REPRESENTS 20 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAY 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1984 DAY 152
LEVEL: 500 MB


H
585
564
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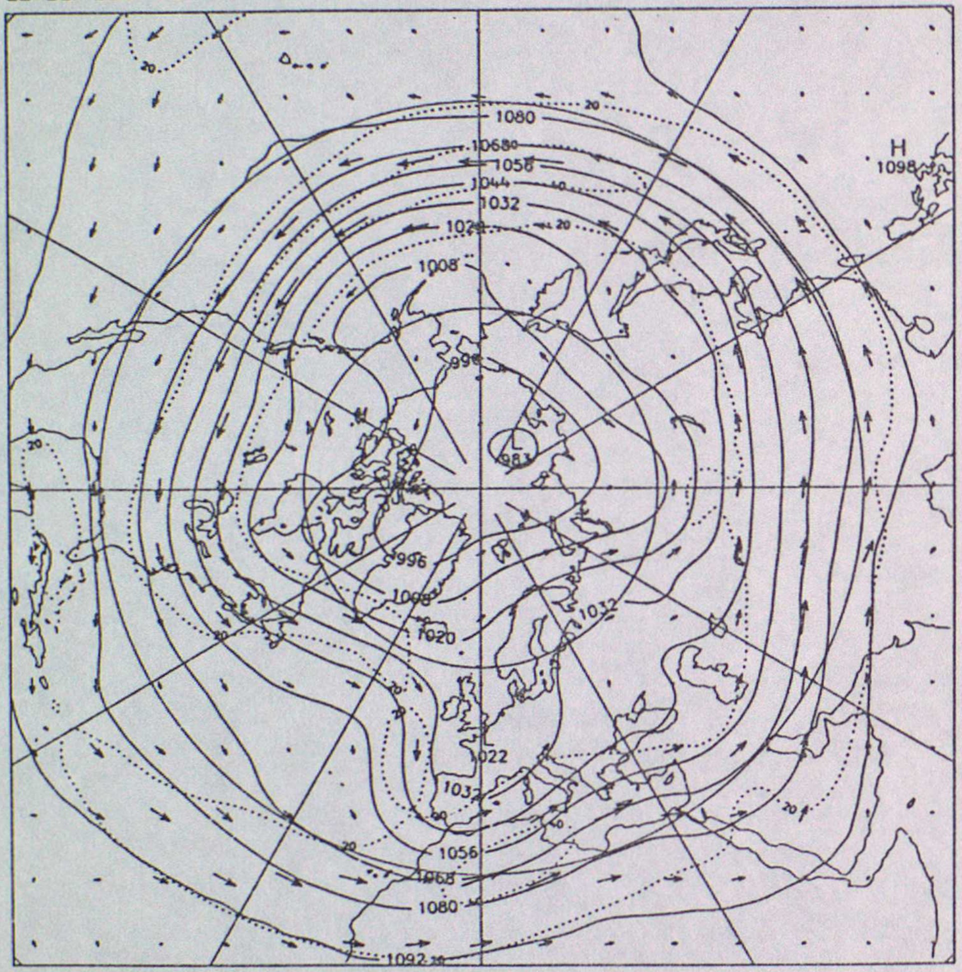
540
528
516
504
504
494
500
H
506
L
497
504
516
528
540
552
564
576
H
588
10
20

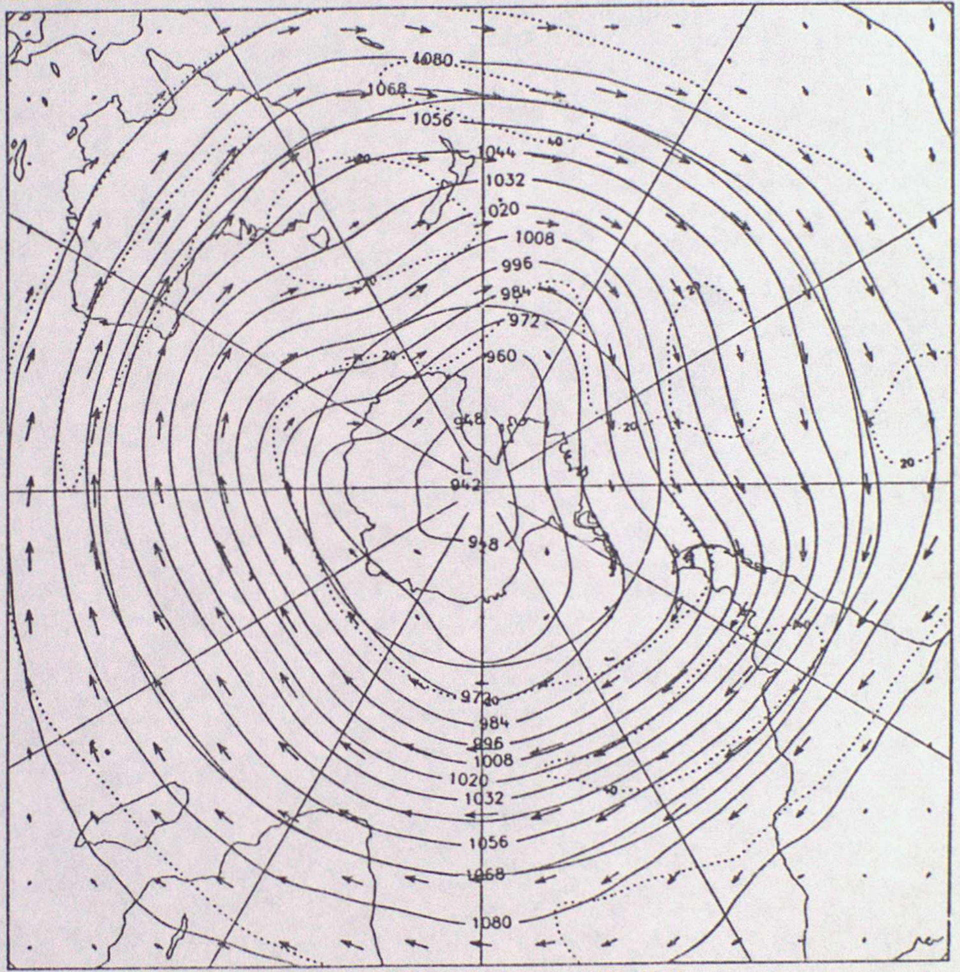
⟶ REPRESENTS 20 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAY 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1984 DAY 152
LEVEL: 250 MB


H
1098
L
983
996
1008
1020
1032
1044
1056
1068
1080
1092
20
40

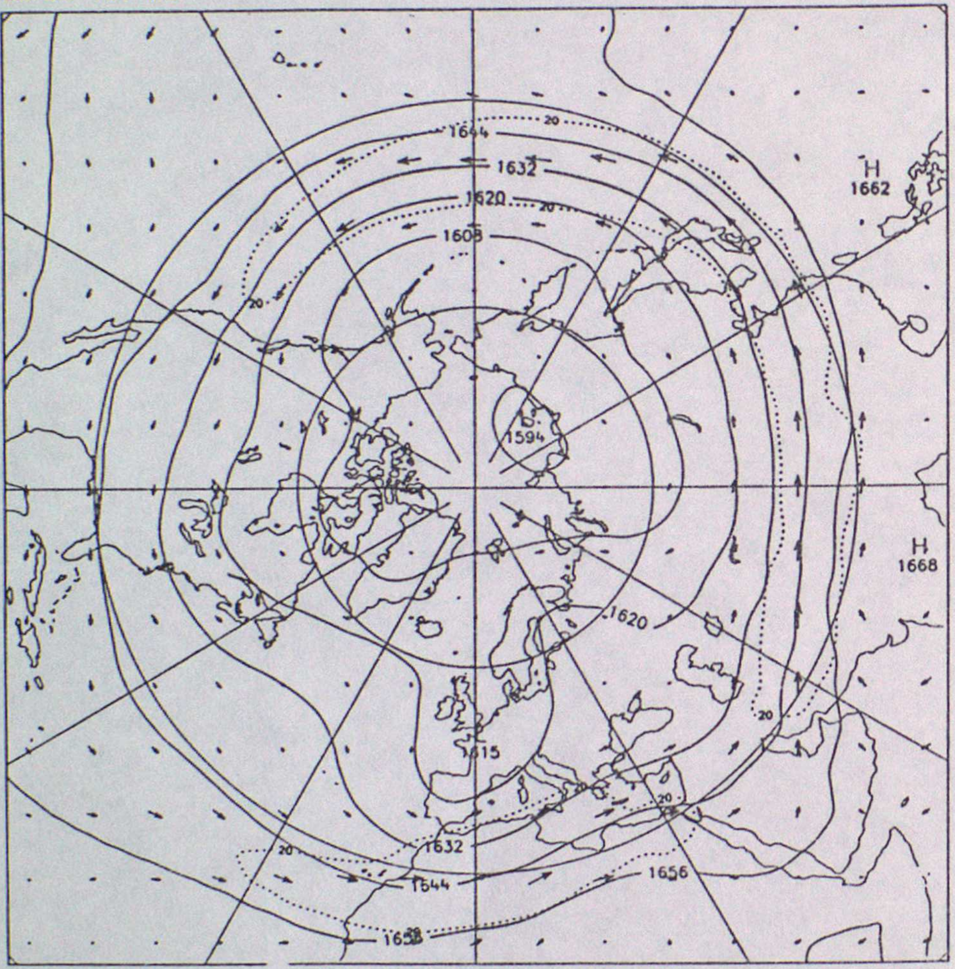
→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAY 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1984 DAY 152
LEVEL: 250 MB


L
942
948
960
972
984
996
1008
1020
1032
1044
1056
1068
1080
20
40

→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAY 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1984 DAY 152
LEVEL: 100 MB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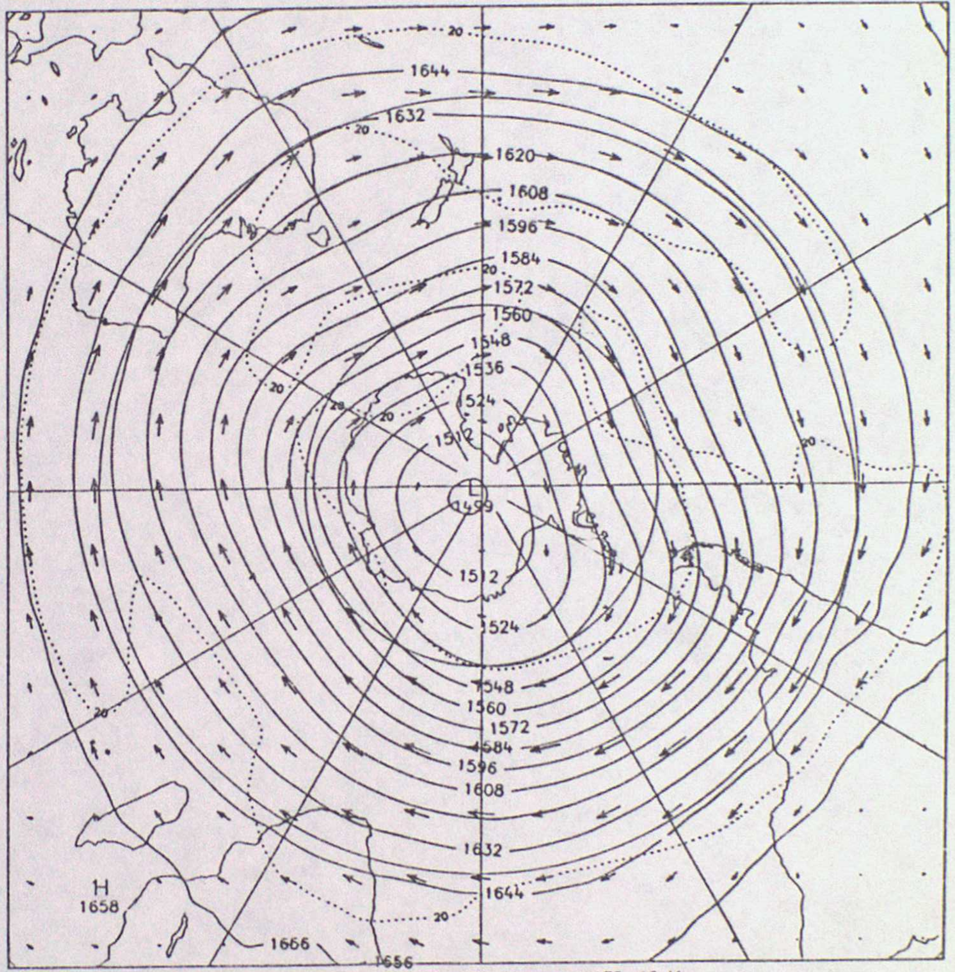
1594
1620
1615
1632
1644
1656
1658
20
20
20
20
20

→ REPRESENTS 40 M/S ONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAY 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1984 DAY 152
LEVEL: 100 MB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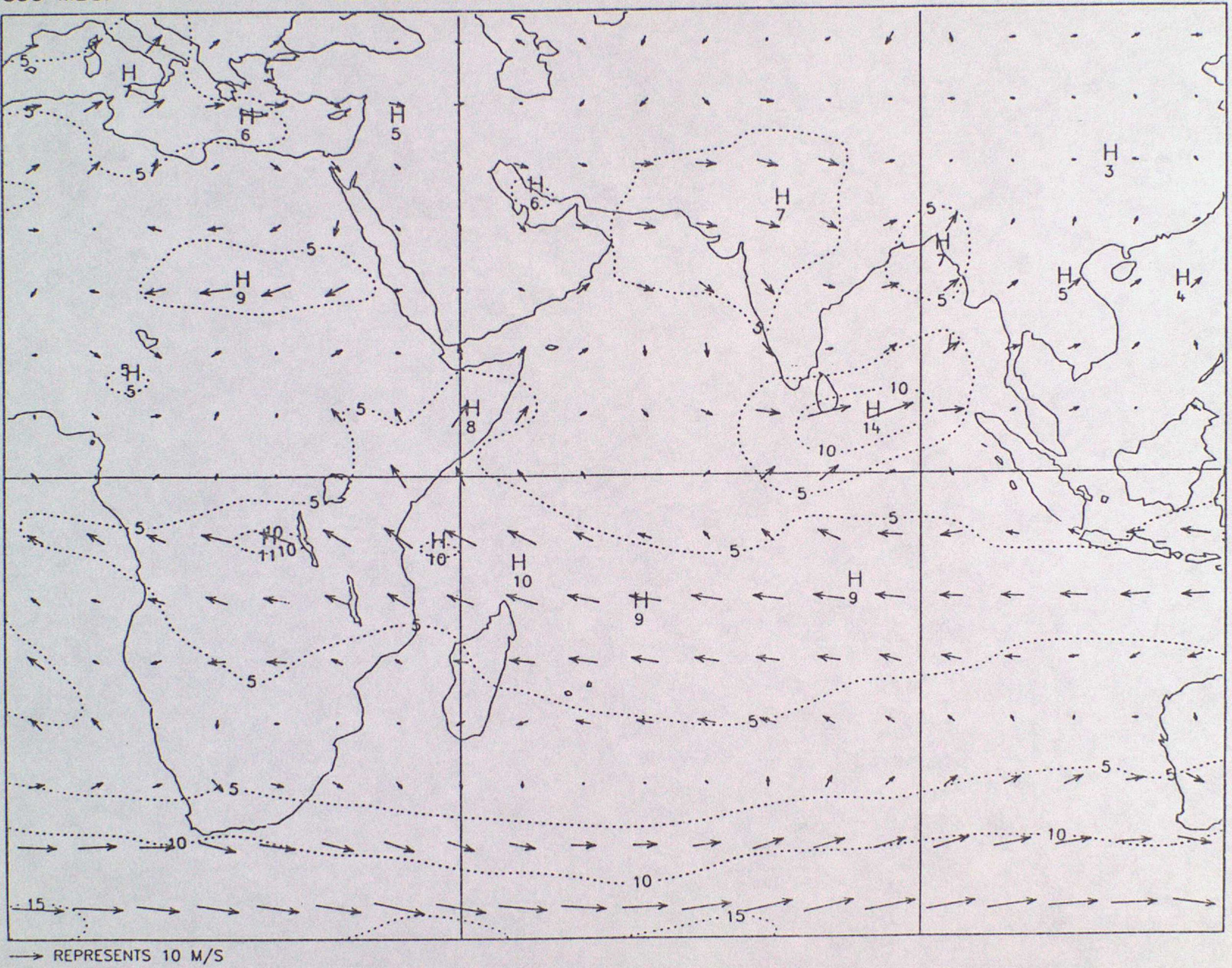
1499
1512
1524
1548
1560
1572
1584
1596
1608
1632
1644
1656
1666
H
1658
20
20
20
20
20
20

→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAY 1984
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1984 DAY 152
850 MBS. BETWEEN LONGS. 0 E - 120 E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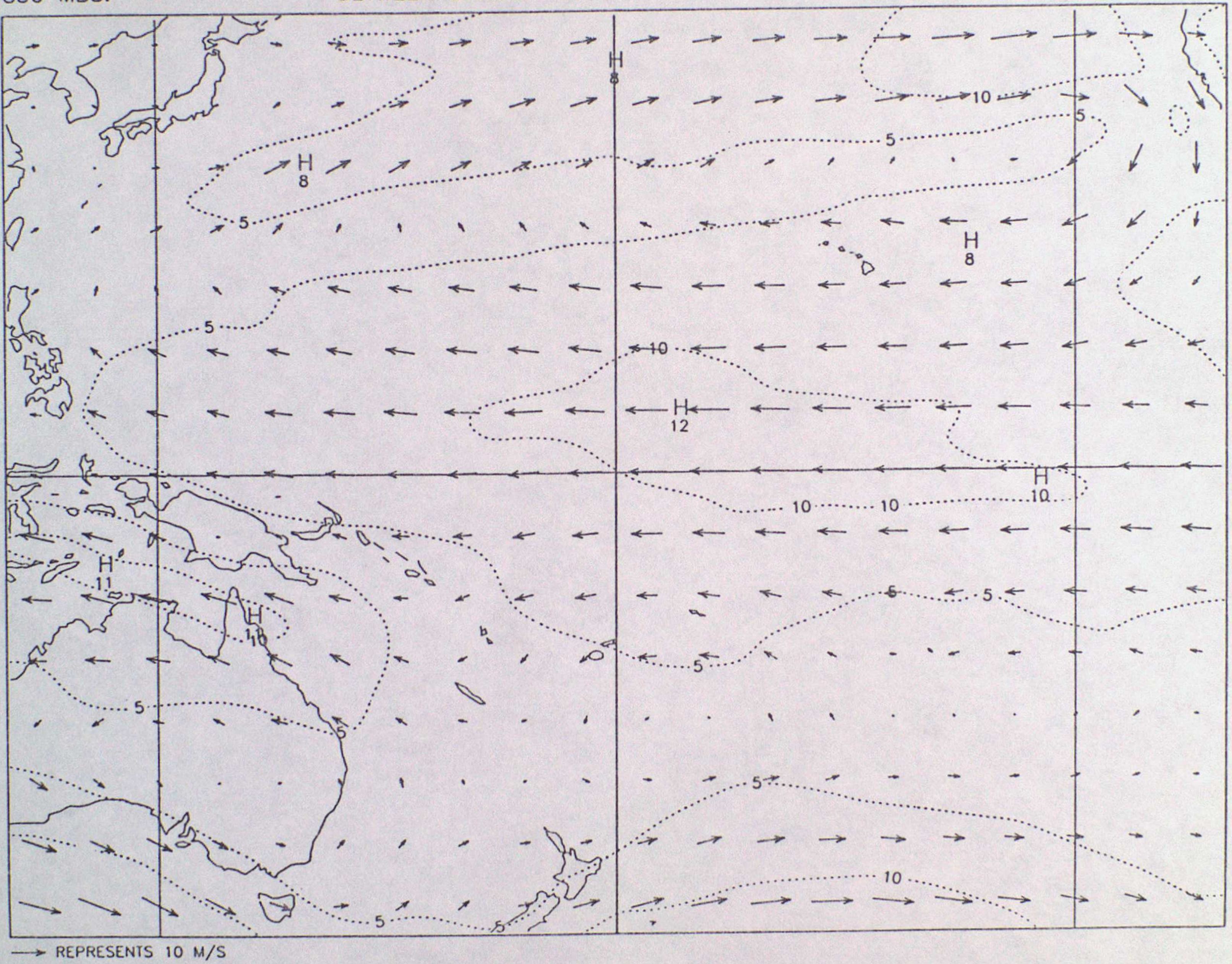
9
5
H
5
H
8
H
14
10
10
H
11
10
H
10
H
10
H
9
H
9
5
10
15
→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS.     MAY  1984
WIND ARROWS AND ISOTACHS  BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1984 DAY 152
850 MBS.                BETWEEN LONGS. 120 E - 120 W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12
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10
10
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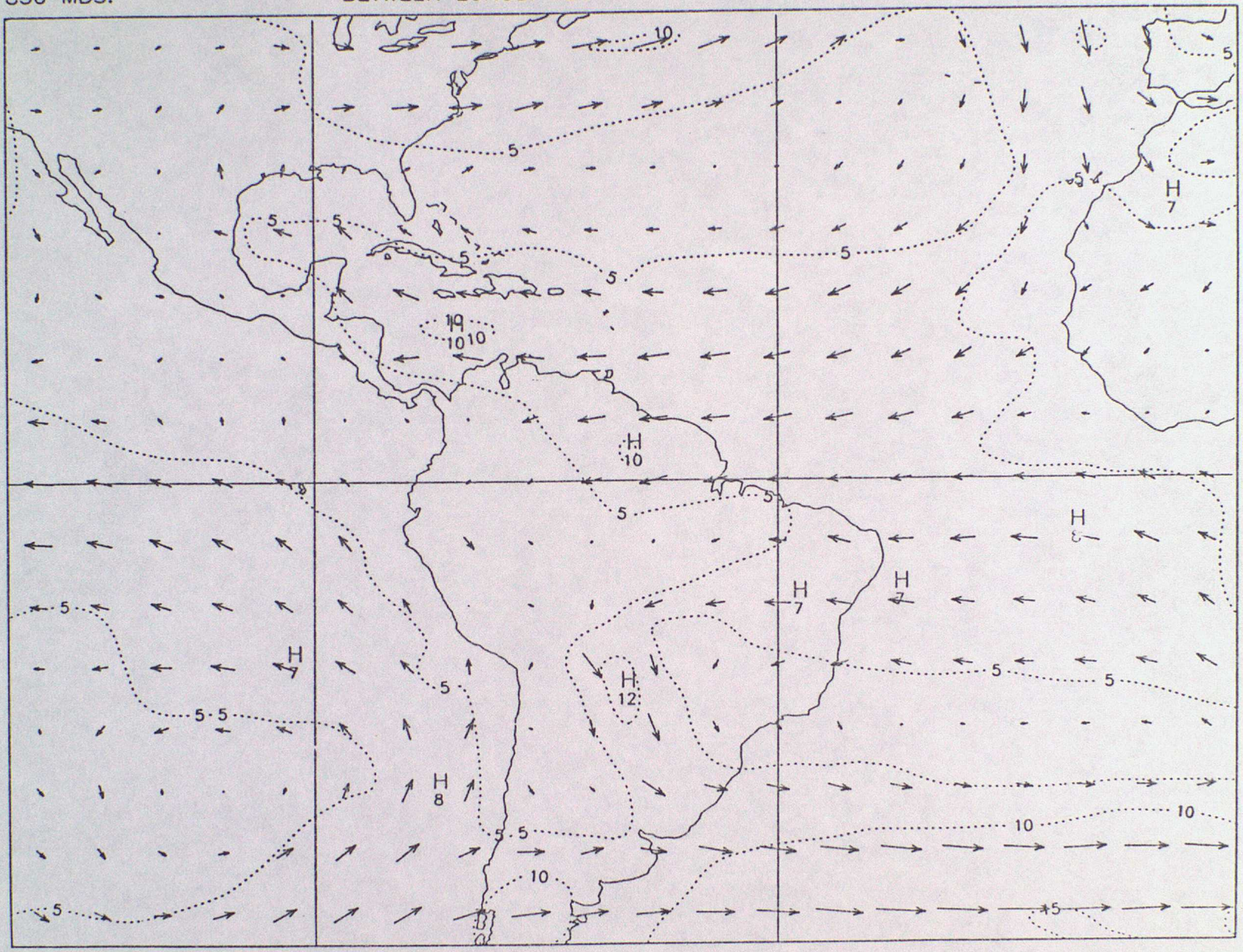
11
H
10
5
5
5
5
5
5
5
10
REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS. MAY 1984
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1984 DAY 152
850 MBS. BETWEEN LONGS. 120 W - 0 W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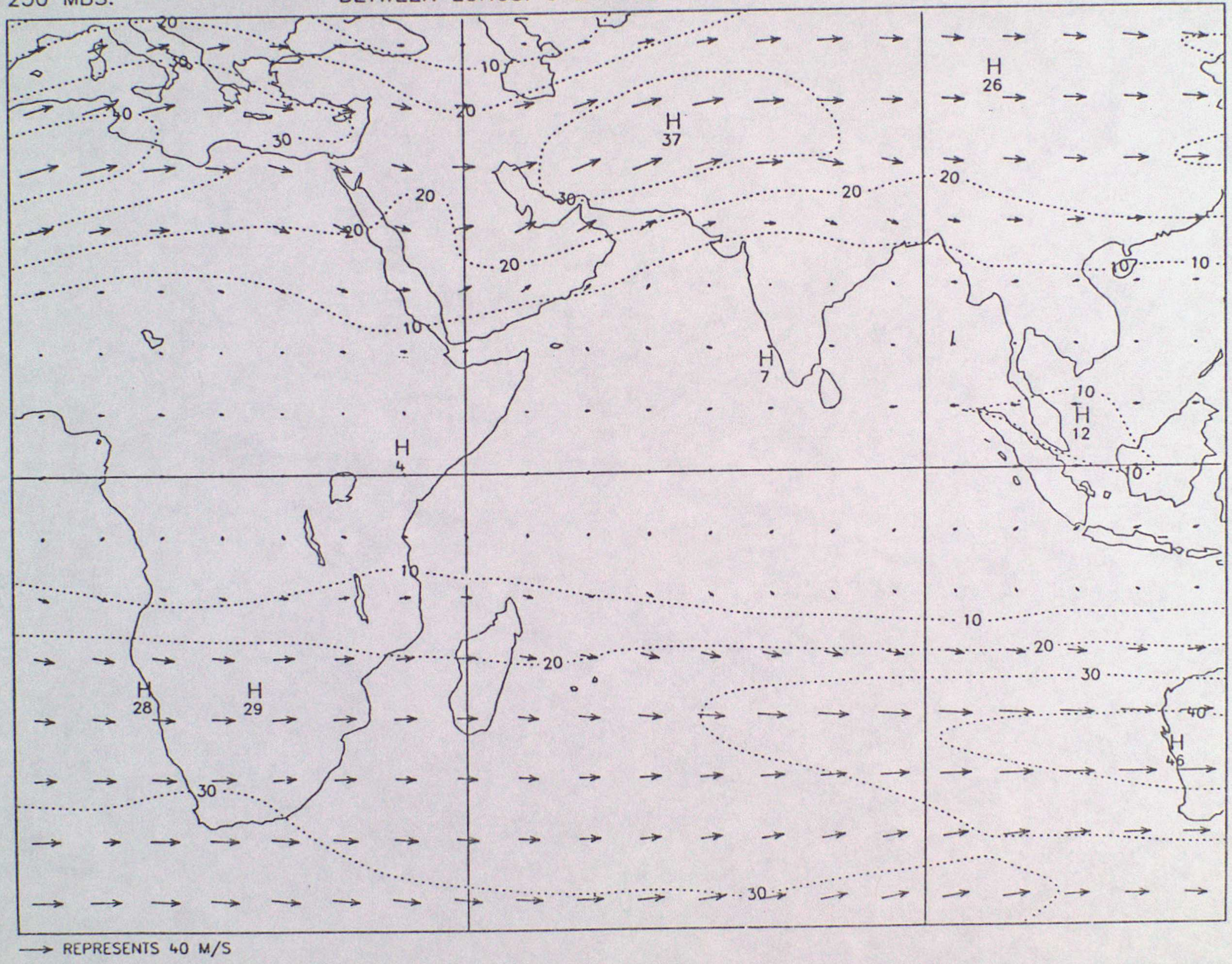
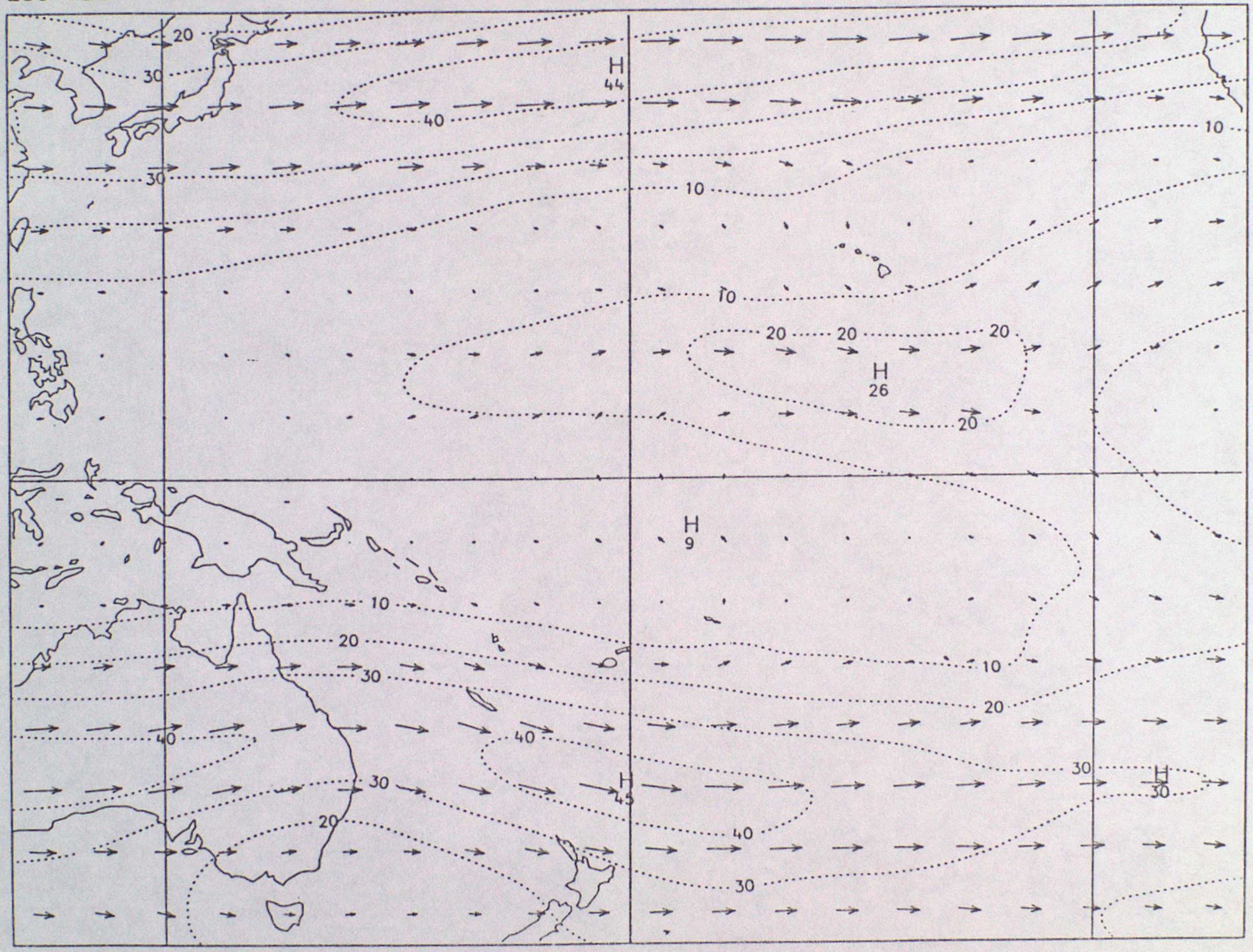
7
H
7
H
12
5
5
5
5
5 5
H
8
5 5
10
10
10
5
5

→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS. MAY 1984
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1984 DAY 152
250 MBS. BETWEEN LONGS. 0 E - 120 E


H
26
H
37
H
7
H
12
H
4
H
28
H
29
H
46
10
20
30
40
→ REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS. MAY 1984
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1984 DAY 152
250 MBS. BETWEEN LONGS. 120 E - 120 W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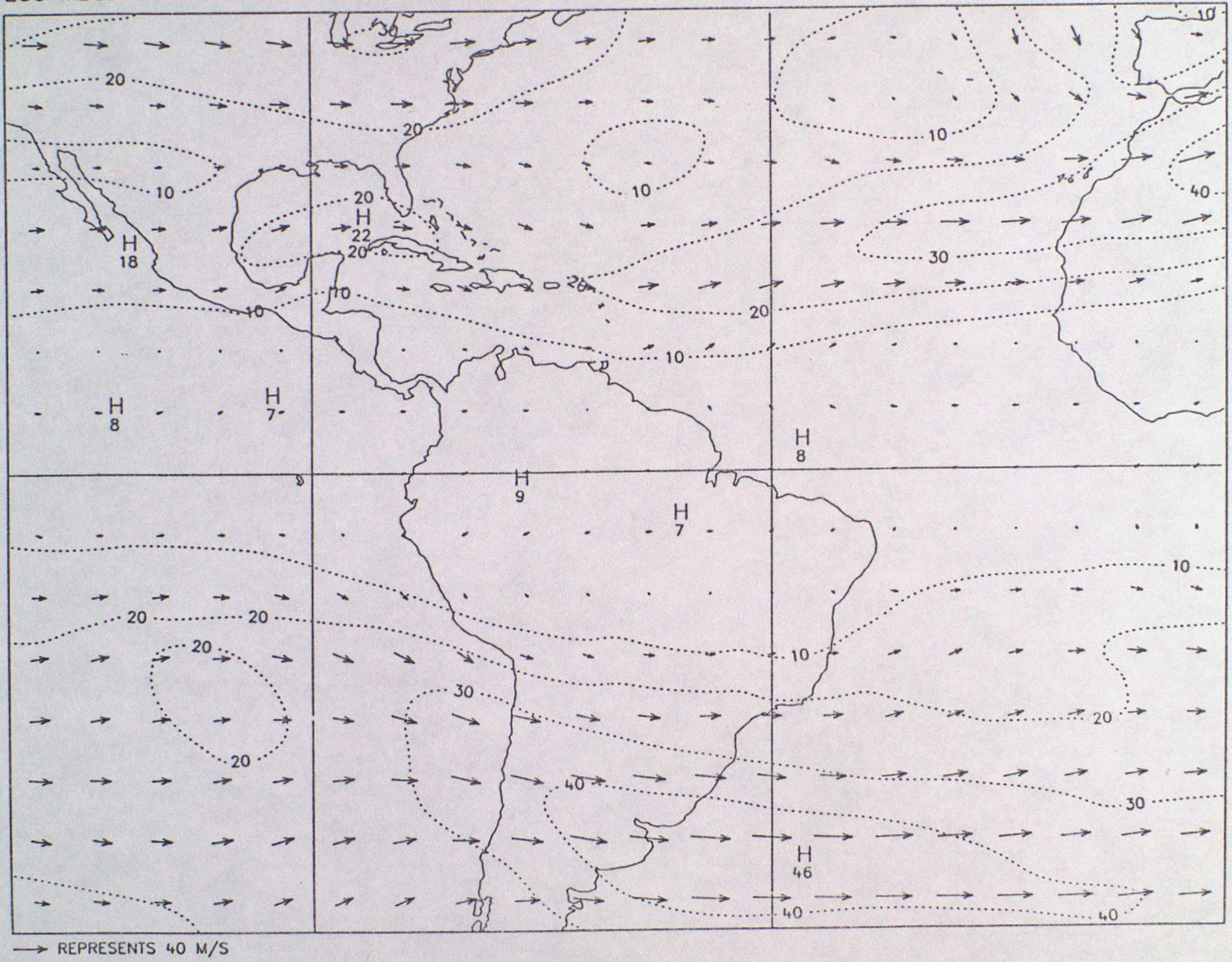
30
10
20
40
40
30
H
45
30
H
30
20
40
30

→ REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS. MAY 1984
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1984 DAY 152
250 MBS. BETWEEN LONGS. 120 W - 0 W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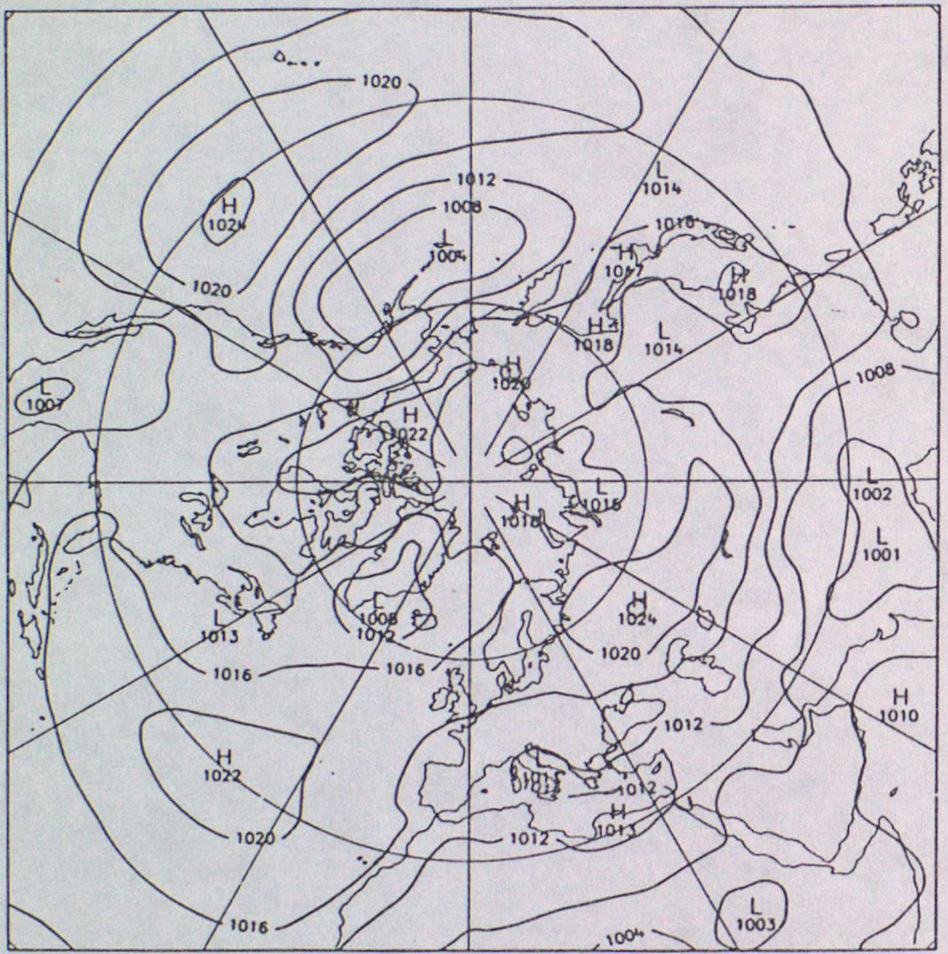
20
30
40
H 18
H 22
H 8
H 7
H 9
H 46
→ REPRESENTS 40 M/S

# MARCH/APRIL/MAY
# 1984

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY 1984
PMSL
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1984 DAY 152
LEVEL: SEA LEVEL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H
1024
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1008
L
1004
L
1014
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1017
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1018
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1018
L
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1007
H
1020
H
1022
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H
1018
L
1016
L
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1012
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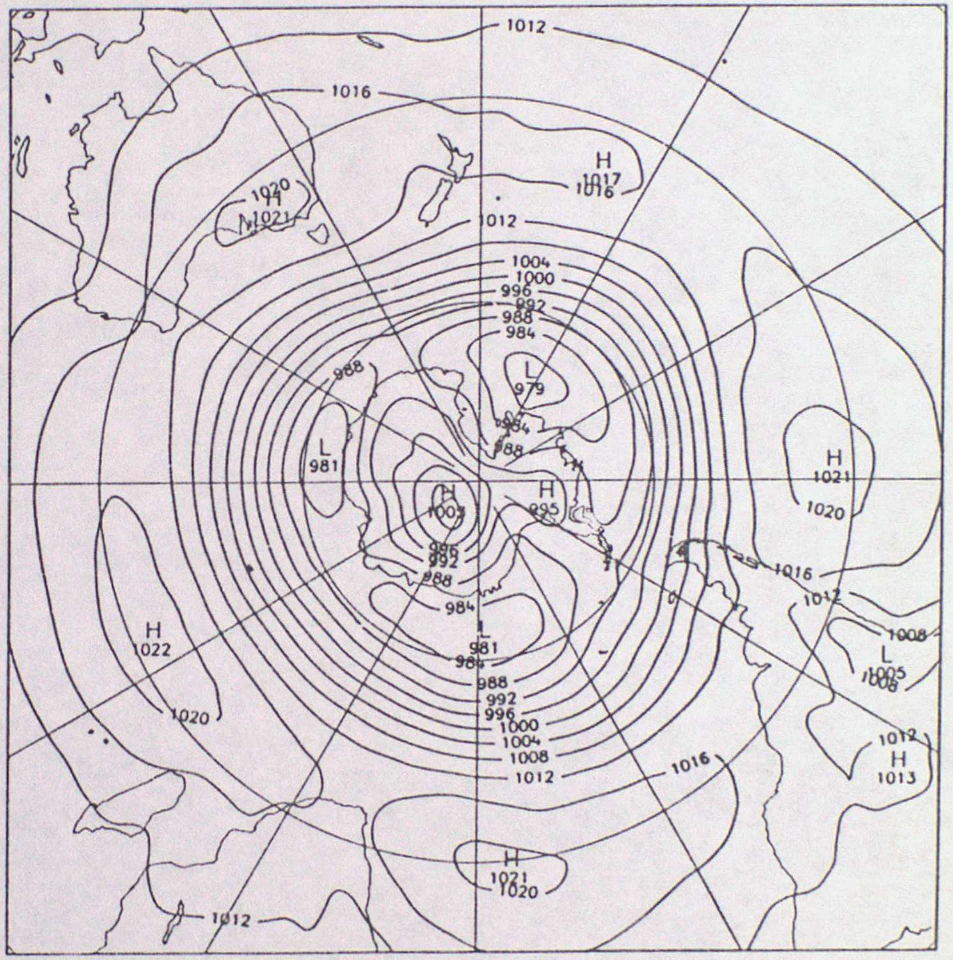
1024
1016
1016
1020
H
1010
H
1022
1012
1012
H
1013
1020
1012
L
1003
1016
1004

CONTOUR INTERVAL: 4 MB UNITS: MB

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY 1984
PMSL
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1984 DAY 152
LEVEL: SEA LEVEL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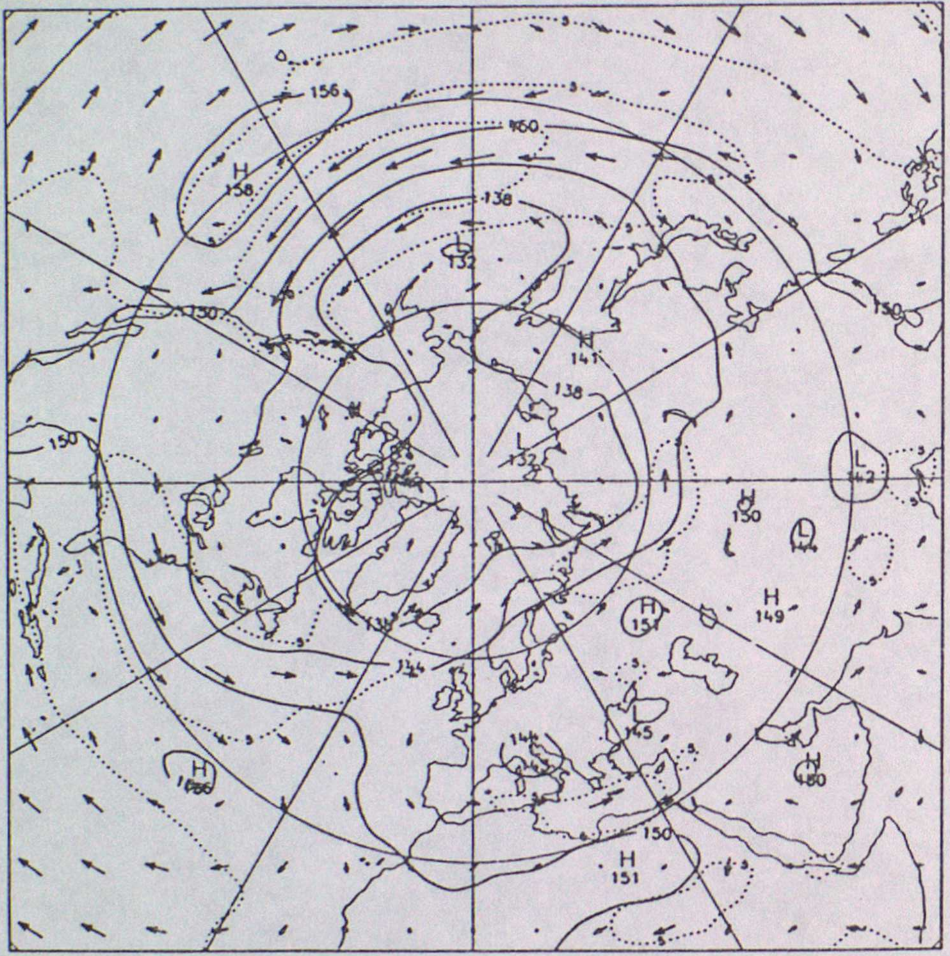
984
988
L
981
H
1003
H
995
H
1021
1020
986
992
988
1016
1012
984
L
981
984
H
1022
1008
L
1005
1008
988
992
996
1000
1004
1008
1012
1020
1016
1012
H
1013
H
1021
1020
1012

CONTOUR INTERVAL: 4 MB UNITS: MB

OPERATIONAL ARCHIVE MEANS.     MAR/APR/MAY  1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1984 DAY 152
LEVEL: 850 MB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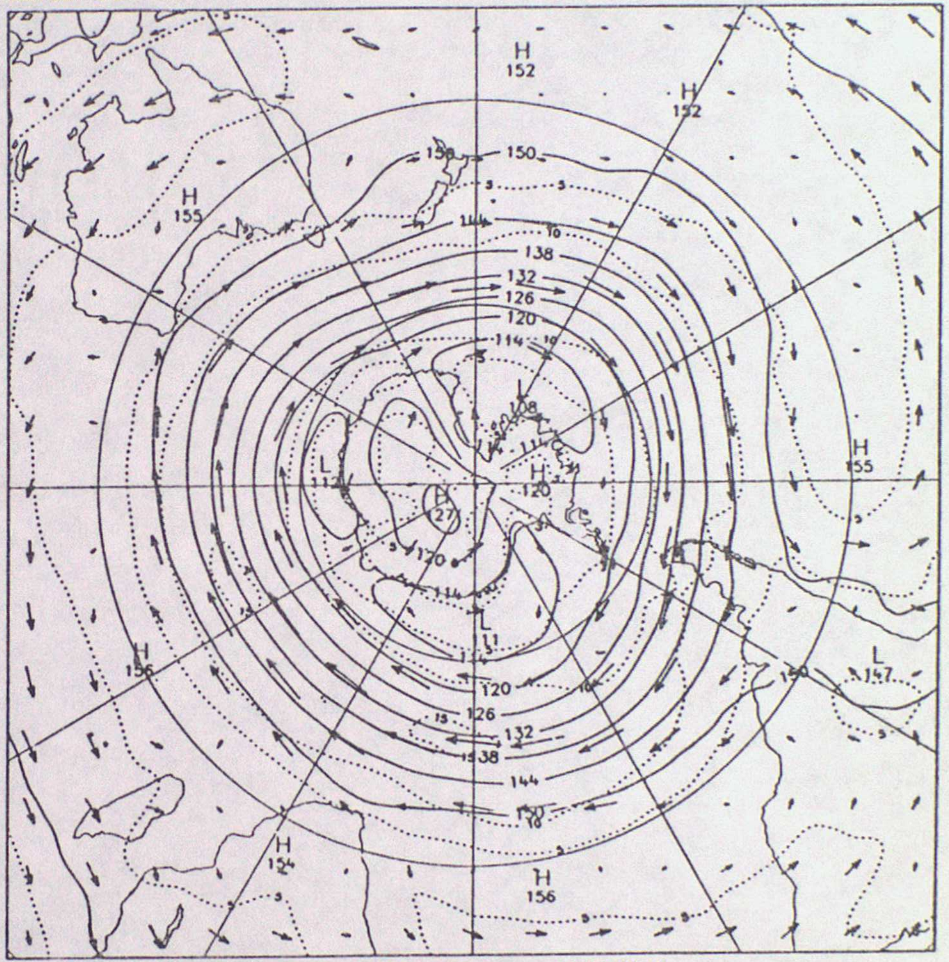
138
L
132
H
141
138
L
132
150
150
150
L
142
H
150
L
144
H
151
H
149
144
145
144
H
166
H
160
150
H
151
5

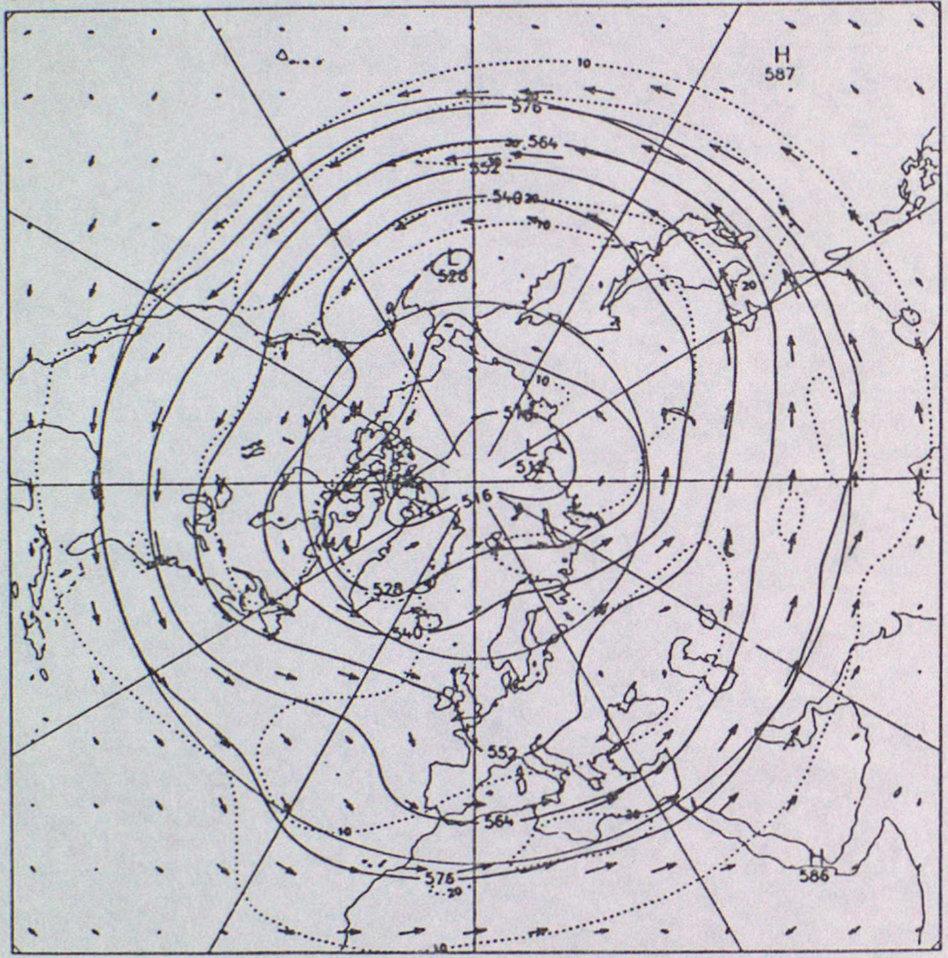
→ REPRESENTS 10 M/S     CONTOUR INTERVAL: 60 M     UNITS: 10 M

OPERATIONAL ARCHIVE MEANS.     MAR/APR/MAY  1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1984 DAY 152
LEVEL: 850 MB


H
152
H
152
150
150
H
155
144
138
132
126
120
114
L
108
L
112
H
127
H
120
120
114
L
111
H
155
H
156
L
147
150
120
126
132
138
144
150
H
154
H
156
5
10
15

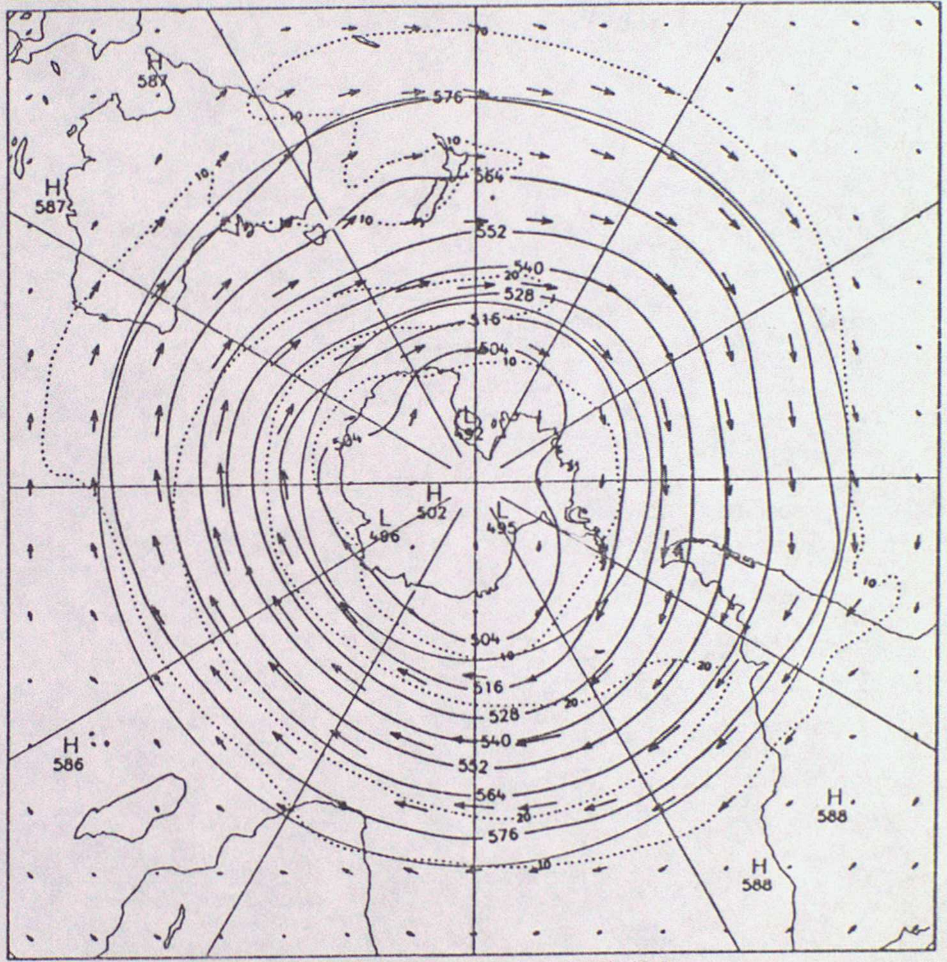
→ REPRESENTS 10 M/S     CONTOUR INTERVAL: 60 M     UNITS: 10 M

OPERATIONAL ARCHIVE MEANS.     MAR/APR/MAY  1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1984 DAY 152
LEVEL: 500 MB


H
587
576
564
552
540
528
L
528
516
L
512
H
586
10
20

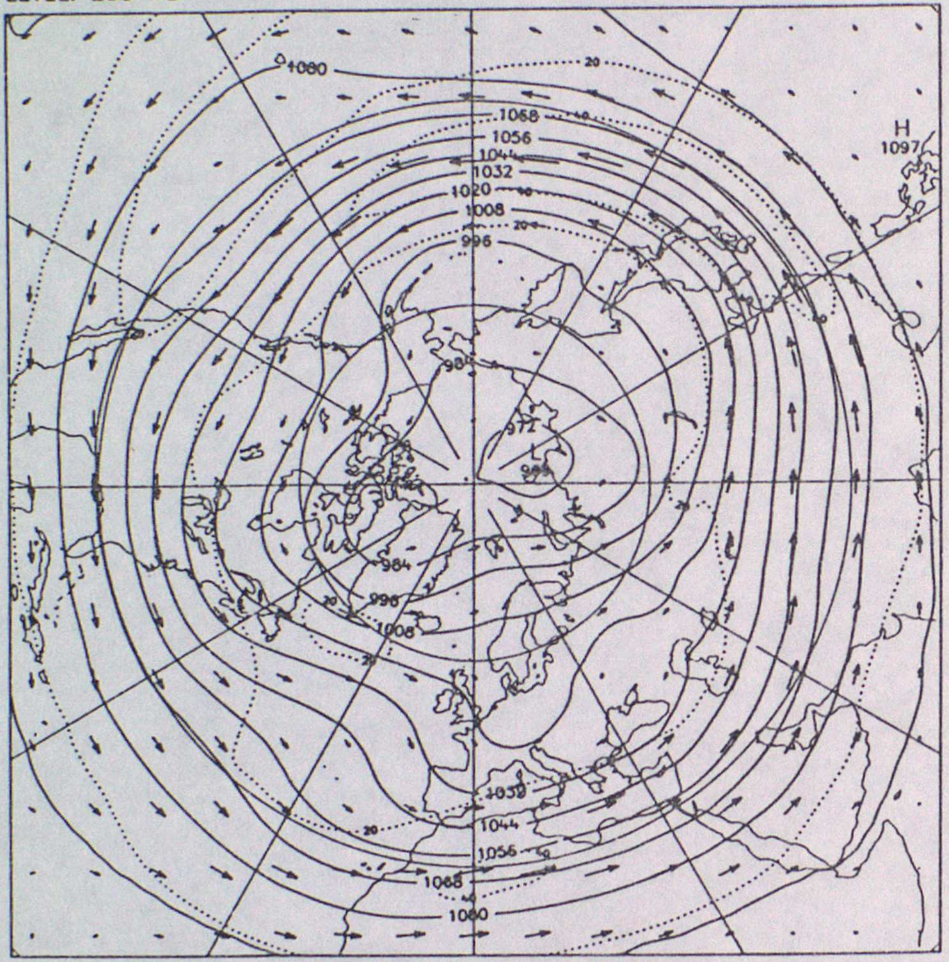
→ REPRESENTS 20 M/S     CONTOUR INTERVAL: 120 M     UNITS: 10 M

OPERATIONAL ARCHIVE MEANS.     MAR/APR/MAY  1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1984 DAY 152
LEVEL: 500 MB


H
587
H
587
H
586
576
564
552
540
528
516
504
H
502
L
496
L
495
H
588
H
588
10
20

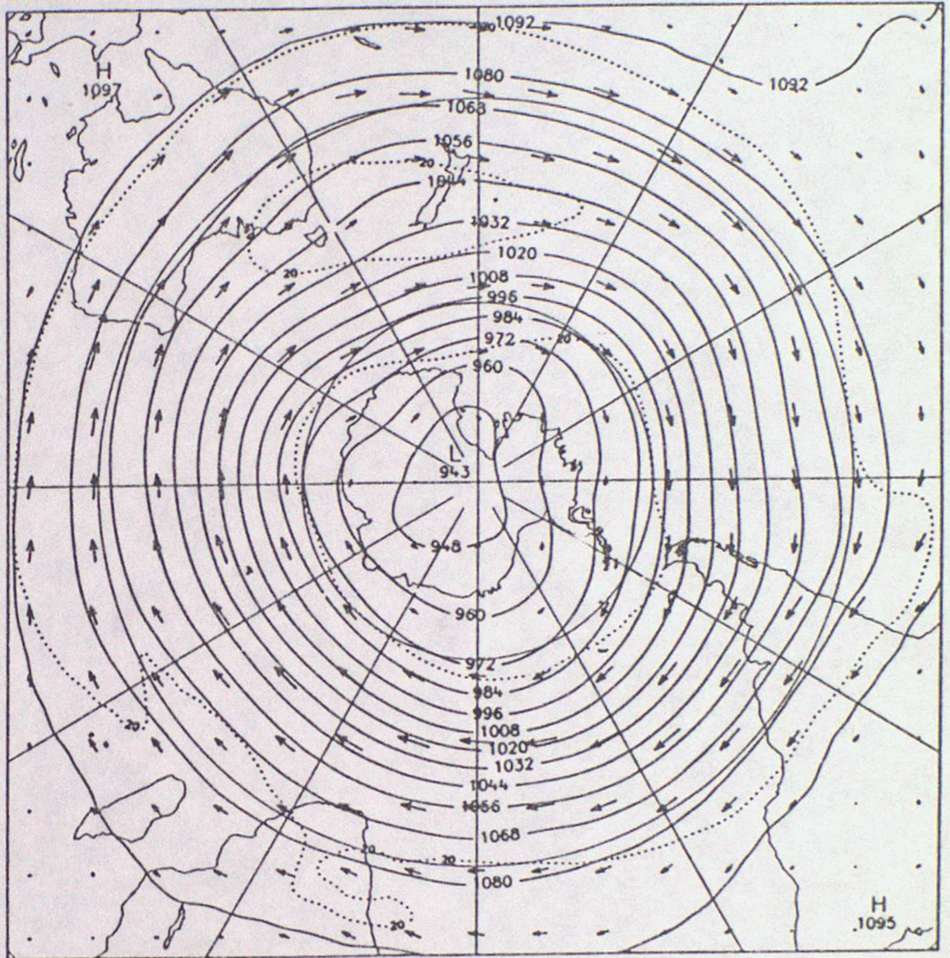
→ REPRESENTS 20 M/S     CONTOUR INTERVAL: 120 M     UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1984 DAY 152
LEVEL: 250 MB


1080
1068
1056
1044
1032
1020
1008
996
984
972
L
960
20
40
H
1097

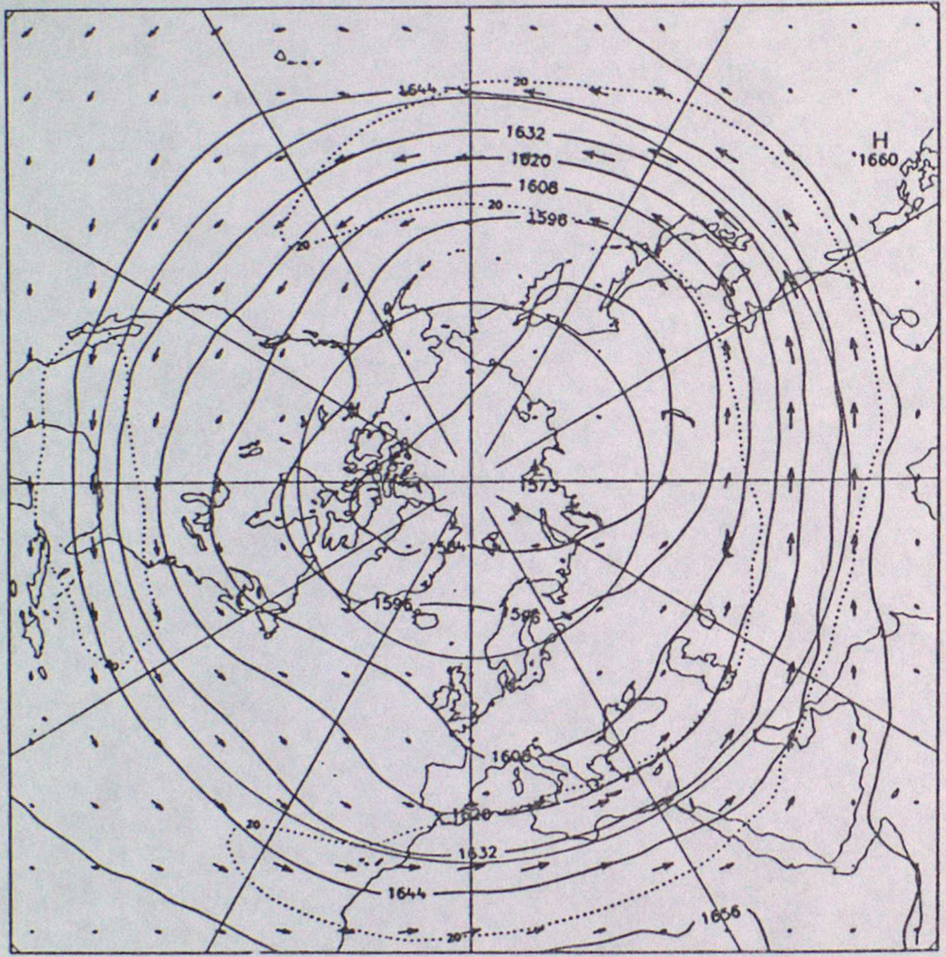
→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1984 DAY 152
LEVEL: 250 MB


1092
H
1097
1080
1068
1056
1044
1032
1020
1008
996
984
972
960
L
943
948
1066
20
H
1095

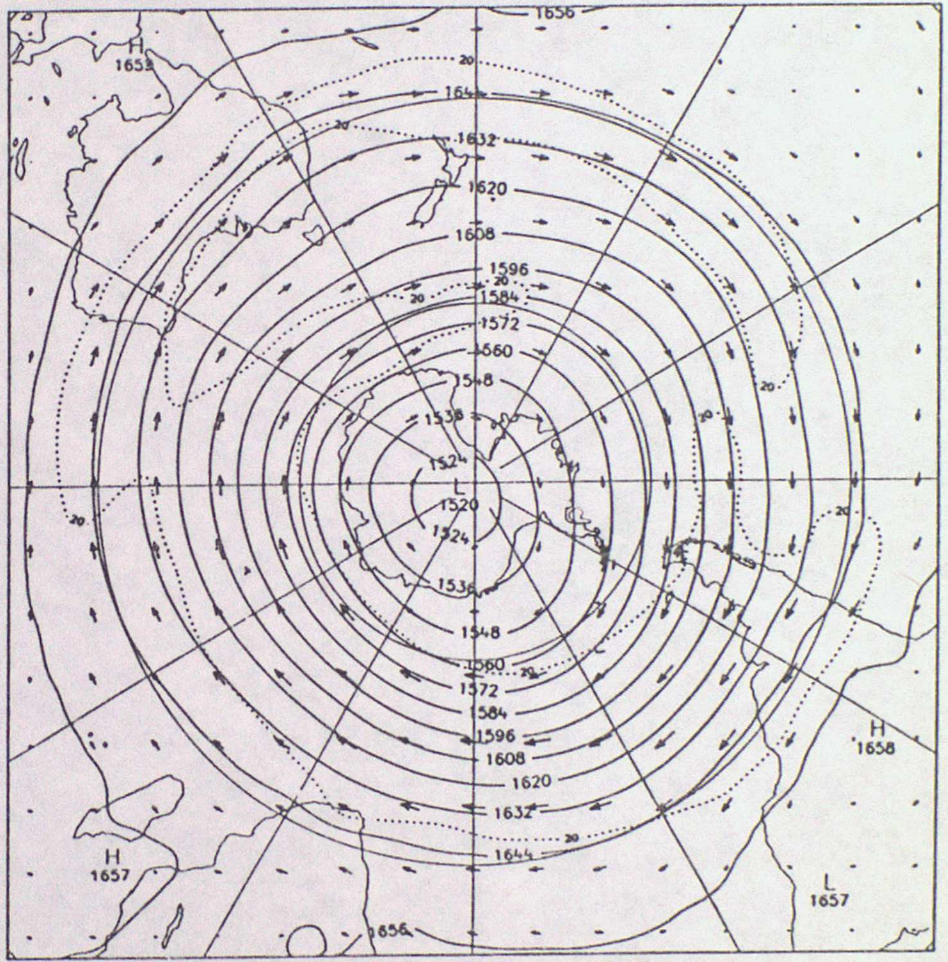
→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1984 DAY 152
LEVEL: 100 MB


H
1660
1644
1632
1620
1608
1596
1584
1573
1656
20

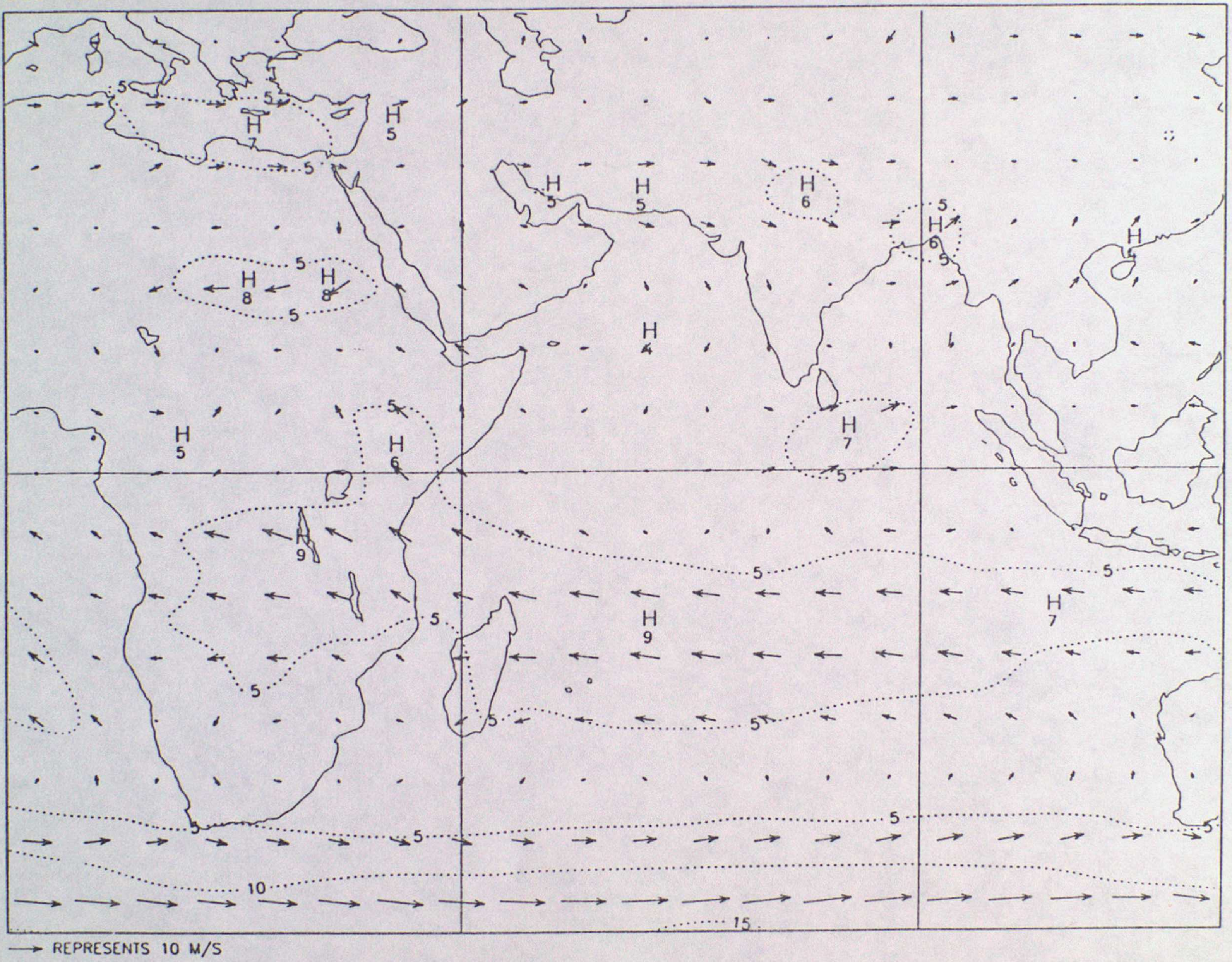
→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY 1984
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1984 DAY 152
LEVEL: 100 MB

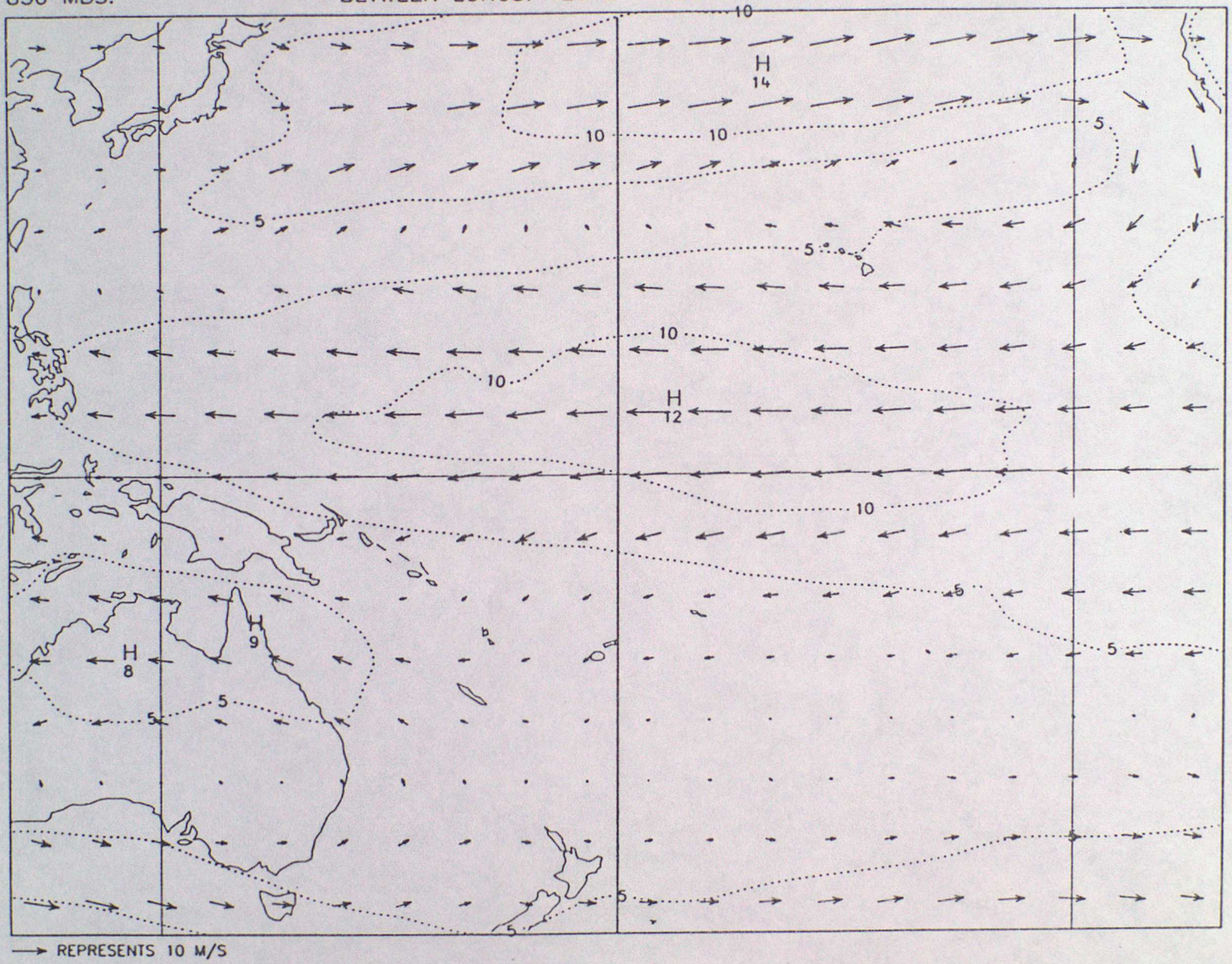

1656
H
1653
1644
1632
1620
1608
1596
1584
1572
1560
1548
1536
1524
L
1520
H
1658
H
1657
L
1657
20

→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

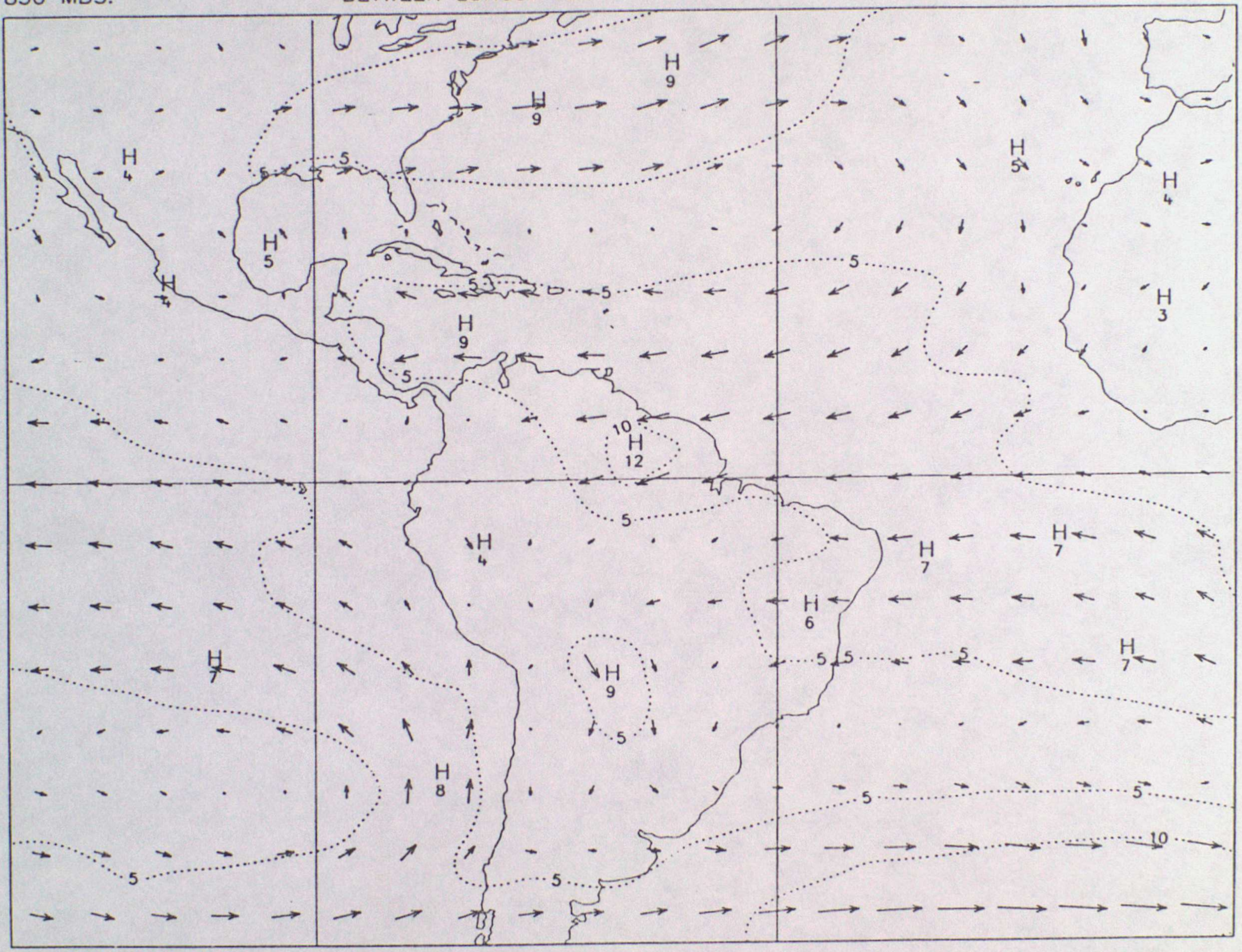
OPERATIONAL ARCHIVE MEANS.      MAR/APR/MAY  1984
WIND ARROWS AND ISOTACHS  BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1984 DAY 152
850 MBS.                    BETWEEN LONGS. 0 E - 120 E


H 7
H 5
H 8
H 8
H 5
H 6
H 9
H 5
H 5
H 4
H 6
H 6
H 7
H 9
H 7
H
5
10
15
→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY 1984
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1984 DAY 152
850 MBS. BETWEEN LONGS. 120 E - 120 W


10
H
14
10
10
5
5
5
10
10
H
12
10
5
H
9
H
8
5
5
5
5
5
→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS.     MAR/APR/MAY  1984
WIND ARROWS AND ISOTACHS  BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1984 DAY 152
850 MBS.                BETWEEN LONGS. 120 W - 0 W


H 9
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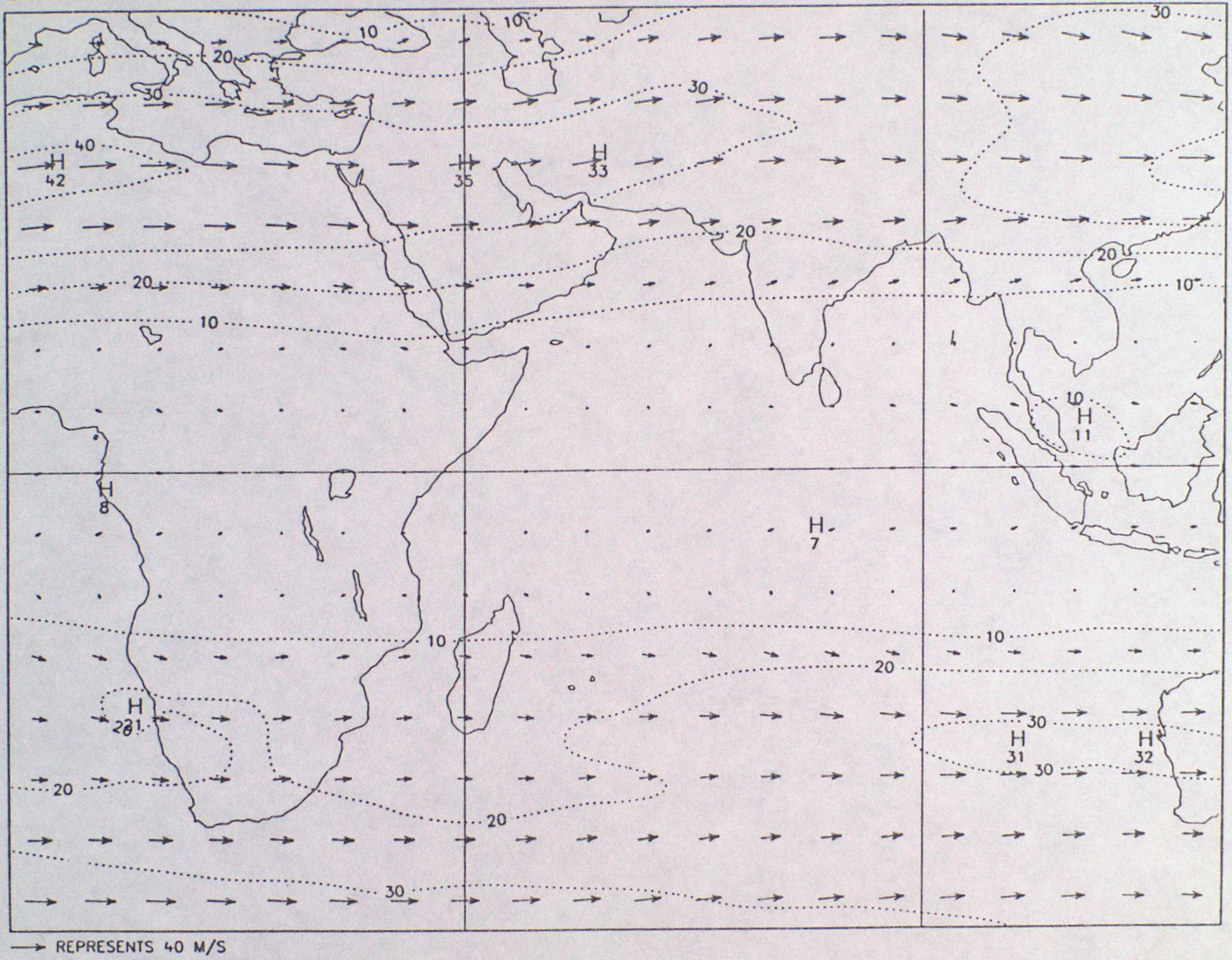
H 5
H 5
H 4
H 3
H 4
H 9
H 12
10
H 4
H 7
H 7
H 6
H 7
H 7
H 9
H 8
5
10

→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS.      MAR/APR/MAY   1984
WIND ARROWS AND ISOTACHS   BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1984 DAY 152
250 MBS.                    BETWEEN LONGS. 0 E - 120 E


10
20
30
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H 42
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H 33
30
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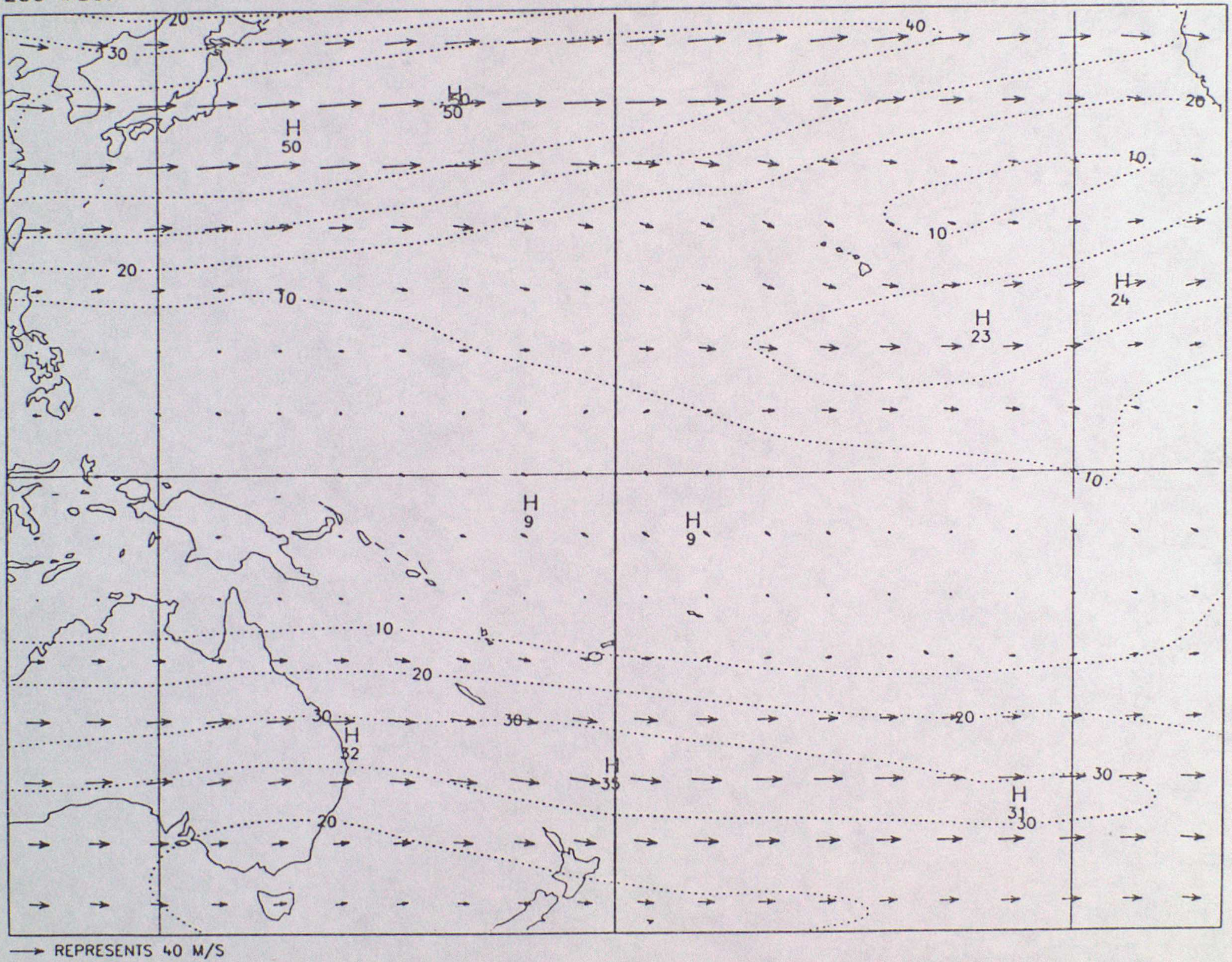
10
20
10
H 8
H 11
10
20
H 7
10
10
20
H 21
20
20
H 31
30
30
H 32
30
→ REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS.     MAR/APR/MAY  1984
WIND ARROWS AND ISOTACHS  BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM OZ ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1984 DAY 152
250 MBS.                    BETWEEN LONGS. 120 E - 120 W


20
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50
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50
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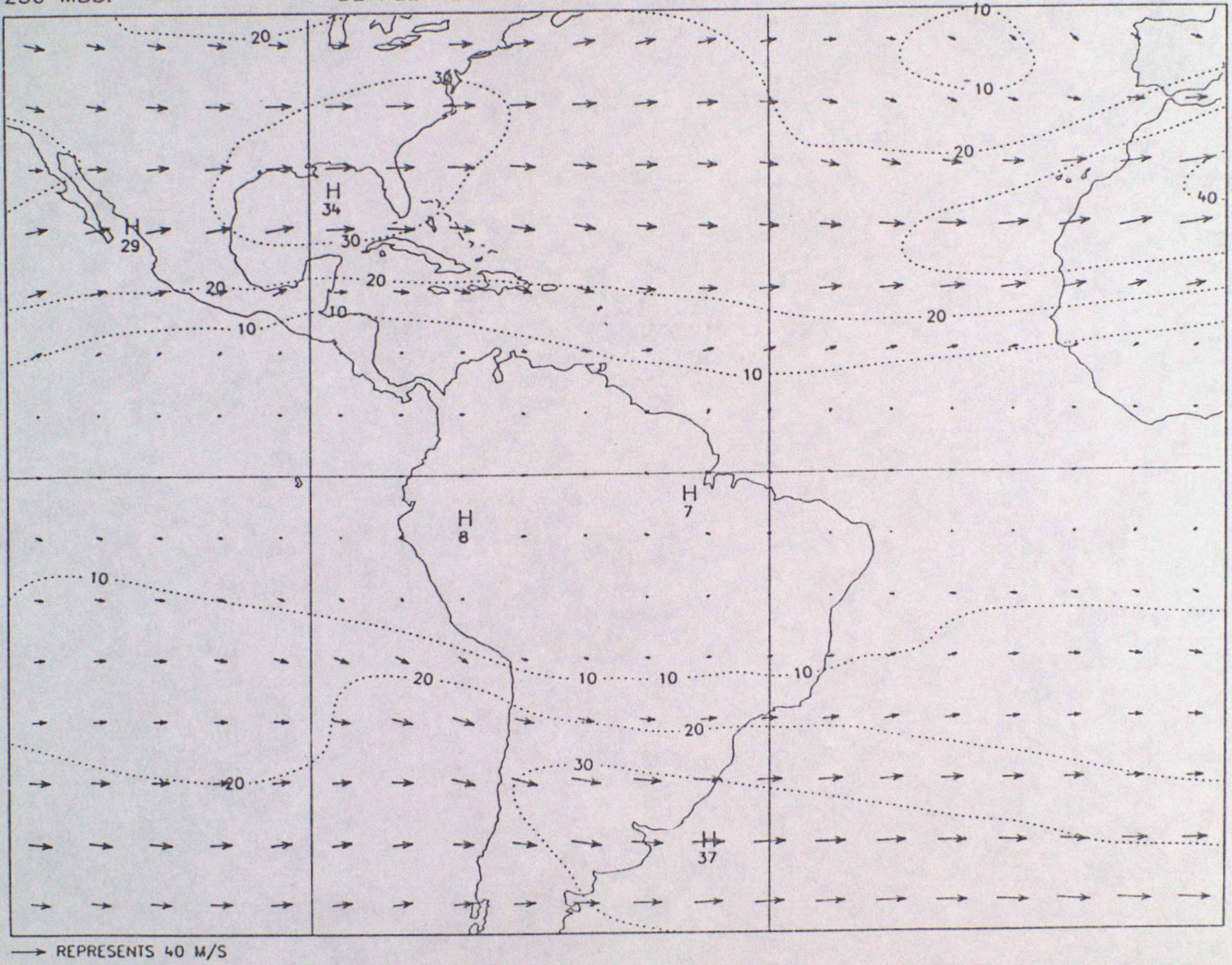
10
10
10
H
24
H
23
10
H
9
H
9
10
20
30
30
H
32
H
35
20
30
H
31
30
20
→ REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS.     MAR/APR/MAY  1984
WIND ARROWS AND ISOTACHS  BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1984 DAY 152
250 MBS.                BETWEEN LONGS. 120 W - 0 W


10
20
30
40
H
34
H
29
H
8
H
7
H
37
→ REPRESENTS 40 M/S